**Experiences and then integrate - starting from yesterday’s tm and movie:**

**Consider adding self portrait below at end of second page:**

**Put in management infrastructure**

**Add in TM notes:**

**Top-level picture view:**

**Goal: Working version / production:**

**Integrate experiences into sheet**

**Todo: add ring:**

~~1. Todo: Make picture. \te{20 minutes}.~~

~~2. Todo: Make goals sheet \te{1 hour} \pr{}.~~

3. Todo: Integrate goals sheet with worklife todo \te{1 hour}.

4. Todo: Connect picture with implementation = Todo: connect picture with documents + Todo: be sure to connect week plan and experiences sheet in document + Todo: connect picture with mindmap \te{40 minutes}.

5. Todo: Make steps to construct picture, Add steps to clear, reset button \te{20 minutes}.

6. Todo: Add summary \te{10 minutes}.

7. Todo: Integrate business document summary into section 3 details \te{15 minutes}.

8. Todo: Special notes on code \te{10 minutes}.

9. Todo: integrate real experiences into experiences sheet

10. Todo: figure out how to integrate social with otherwise.

11. Todo: integrate with courseware, e.g., mechanical, electrical, computer

**Summary:**

*Formation and Themes:*

Be natural, and then work hard too.

PC/P: learn yoga to its finest.

S and m: / Think about Hilton Garden Inn, where you felt it first. MIT.

Reset state: clear mind

Start state: ohm world is s and m

Pin down center:

Don’t lose yourself, but also improve yourself.

How this was formed: Keep it simple, research questions, integrate, comm, logic.

History+ levels: Maturity: Amanda: | Money: | Stress relief: | Gropp: | Mgmt: habits-summary | PNA: |PCA: | OOP: |Dad: |Man from internet |Experience: mom|

Cross-link:

Habits summary is a preview of maturity, just before 3d cubes. Helps to smooth cubes out. Should always be thinking about the worklife from starting man from internet and dad, and with management on top. Static can be smoothed out through maturity lines.

MPI book: stick.

MPI Implementation: bschool.

MPI Standard: engineering, social intelligence.

*Rules:*

Habits need to pervade everywhere throughout.

Vertical in wl. Horizontal in wl.

Rule propagation: example: confidence – think about how someone else responds.

Use logic to make things follow. Example: keys, wallet, cell -> backpack, etc.

Experience Generalization to rule. Example: clothes in India, generalize to many things.

Experience transfers to other experiences.

Recurse: this generally happens naturally, but just know that it can be done.

*Prioritization:*

Work: Code: 40, Data:30, Admin: 10, Writing/pres: 20

Mgmt: Goals: 30, month: 10, weekPlan: 30 , daily todo: 15, 10: prioritization, 10: scheduling

Comm: L0: 40, L1:25, L2: 15, L3: 10, L4+L5: 10 Wl cheat sheet.

*Implementation:*

Practice: remember calculus exam study. Once you practice and memorize, it becomes in-grained in your head in working memory.

experience-sheet of paper with situations, mgmt: ppt and latex. use 4 sheets as a guide esp. when static comes in. Look at implementation picture. Habits(expand on this – needs to pervade all). When applying or doing an activity, use number system to identify what part it belongs to. Independence/Interdependence.

Discuss how every week should be handled in terms of week plan doc and goals doc, along with sheets.

Independence:

1. proactive: circle of influence vs circle of concern --
2. begin with the end in mind : goals.
3. prioritize: urgent/important, deadlines.

Interdependence:

1. Think win-win: --
2. Understand, then be understood: --
3. Synergize: --

Quality:

7. Sharpen the Saw: practice, re-evaluate system, read a book and come with it at different angle.

Concrete implementation: (in terms of files on comp)

Sharpen the saw.

*General wisdom from going through the sheets:*

Money and work are close, but work and happiness are even closer. God and happiness and Social intelligence and maturity are connected.

Money stays constant, and is related to static. Comes through experiences. Sayings.

**Follow calendar of events (full implementation):**

General Todo:

1. Prioritize the above.
2. Break each into smaller pieces.
3. (Maybe) Look at competition, and do better.
4. Make sure to maintain minimally working version of you.
5. Have full pathway of entire sheet intact (can be multiple different lines).

3. Do these in sittings when there is nothing else to disturb.

6. One thing at a time, and add.

7. Order the additions of different things to add.

*(note: add more, org better, make plan to read newspaper – gen Knowledge + 52 weekends nytimes books).*

TODO: (1. Shorten this 2. add more to comm 3. Make Work section better 4.)

Quick Todo: 1. Fix the experiences section, going through experiences. Add real reliability points. 2. Add real happiness – 3 hours. 2. Figure out 3-D; 3. Prioritize worklife cheatsheet. 4. Add text to guide each section. 8. Add tm sheet, w/ social int sheet – Tuesday. 5. Add text to guide each section in mgmt. 6. Add worry management to happiness in habits. 7. Consider margin changes for more space in wl-cheatsheet9. ../thePast/maturityVersions: Clean-up text, make accurate, add intermediate levels; 10. Read habits – confidence integration; 11. Order content, make any points clear, order/structure content, connect all points together. 12. Add in happiness wiring, and connect all the way down to real-time confidence 🡪 static to dynamic. 10. Make sections in above more clean. 11. Fix the section for gen knowledge. 12. Integrate summary with cheat sheet better.

*Mgmt (TODO: 1. check ordering, including where leadership goes- 2. Put below personal development? 3. Figure out where leadership goes 4. Connect to either Pers. Dev. Or Management endpoint to comm.) 🡨 put in margin next to space*

*God:*

Note past situations from childhood that could create awkward situations and define relationships. – could put this in experiences.

Remember that all acts as guide, especially at the top and bottom (gut /randomness is ok). Randomness can be used to your advantage.

**Personal maintenance:**

* 1. *Monthly:* change lightbulbs, dentist appointments, get meds, replenish wallet, haircut. *Weekly routines:* garbage, dishes, vacuum, decide clothes for week, iron clothes, situations, fill gas + grocery, clean out backpack, check nails, clean laptop screen + outside, clean car, get clothes for week. *Regular Routines (habits)*: bed, teeth, empdw, stretch, food, clean kitchen floor, exercise, email, dailyTodo, shower (hair, shave (sides, under, chin, moustache, vuln: mouthsides, mouthtop, belowlip), eyes, ears, neck, armpit, feet), towel, meds, belt on+pants high, comb/hair spray, lotion, cnclr, Work, Night: mail, clndw, charge phone/laptop, workout, check for events + calendar, emails, Add link.
  2. *Static:* link to 4 detail sheets:
  3. Habits summary *🡪 Ecological Intelligence -* impact region, economical.
  4. *Happiness (apply to happy thought): urbana house. If you think about girl, think that there’s no doubt ...*
  5. *UnderstandWorry:* emotional intelligence: whatAreEmotionsFor+ScienceOfEmotions+Emotions / Intellect disparate, self-awareness/real-time awareness, anger+anxiety, delayed gratification + positive thinking + Hope + Flow-confidence / learning and Flow.
  6. *StopWorry (apply to each worry):* day-tight, what’s the worst, knowthefacts, prob/cause/all sols/best-sol, don’t saw sawdust, cooperate with inevitable, don’t imitate others, don’t get even, meditate/exercise, (get books on self-confidence). If someone asks question, don’t think negatively.
  7. *Work:*
     1. Sincerity, ethics and honesty, Diligence, work 80 hours a week, enjoy what you do.
     2. Prior work, baseline data, define problems, contributions, theoretical analysis.
     3. (P)NA. Code/Impl, Apps, Research Questions + Results, Profiling to Explain Why (App, hardware/PAPI, metrics). (P)CA.
     4. Project management & collaboration (git for code, cmake, README).
     5. Writing skills (latex for presentation, svn for paper collab, elements of style, persuade through intro, no formatting mistakes, envisioning information, presentations, posters).
     6. Awareness of technology to be using in your field / Awareness of developments in your field – related work.
     7. Time management at work (meetings, schedules, deadlines), Administrative.
     8. Marketing yourself and your work – title, abstract (dry/factual), intro, put info on website/linkedin;
     9. Work:rel: admin:
     10. Companies: BNL (D.E. Shaw, GS), PNNL (Yahoo, Google, Palantir, fb, cray), Stanford, LLNL. Keep in mind that all companies are good (it’s what you make of it).
     11. Context/Weather/environment:
  8. *Personal Development:*
     1. Depth of Gen. Knowledge / hobbies: Tennis, Piano, Bridge, chess.
     2. Leisure: automotive(rolls/jag/rangerov/Lincoln/ford, Cadillac/GMC, porsche/Bentley/merc/bmw/chrys/jeep/fiat, Ferrari/masa/alpha, lexus/Toyota/acura), tv shows (Office, MF, Friends), songs.
     3. Financial: economics, stocks, gas prices.
     4. Current Events: Books (World is Flat, Hot Flat and Crowded), magazine (==), News (work: wired, gen: nytimes),
     5. Logistics: city structure, airport structure, general driving knowledge, grocery store structure, gps, subway systems.
     6. Geographical: U.S. map, europe map, city maps, airports, freeways, quirks about places, subways, landmarks, driving.
     7. Work/professions: lawyer, engineer, scientist, educator, doctor, hr.
     8. Geo-cultural/political: cultural, political (liberal vs. conservative, practical vs. theoretical, gen. vs. spec.), climate/weather.
  9. *Management:*
     1. Health: Weight (chew food, avoid eating large portions when avail., Exercise: lift, jog, yoga), Avoid sickness, Acne, Dent (floss, whitening).
     2. Money: southwest fares, reimbursements, rent, uiuc bill, cash, paycheck, account for cash, owing ppl money, points for air travel.
     3. Time: Look at calendar for each week, write action items in iPhone todo, have monthly plans, find social events/tech events, prioritize.
     4. Spaces: Jean pockets (KeyWalletCell), Backpack (don’t put on floor or bed), office, laptop (clean outside, org folders), room (bed, closet, floor), car (outside, carpet, inside glass, seats, panels), kitchen, bath (floor, towel bar), lock doors before leaving.
     5. Appearance: belt on, pants high, XYZ, deodorant, gum, laundry stains, shirt not inside out, iron shirts/pants, button shirt, matching/non-torn socks, plan weekly wardrobe, check for clean teeth and face, non-inverted shirt collar, shirt not half-tucked, haircut/nailcut, hairgel, dinner etiquette.
     6. Facebook/linkedin/twitter/instagram/Whatsapp: know software updates, profile up-to-date, check frequently. Cover photo: specific to your interests, blends with profile, change seasonal/events – keep stable after some time. Fb posts: Happy Birthday! Happy Birthday [name]! to girl Happy Birthday man! For travis tate Happy Birthday, name! (if you don’t know the person). Happy Birthday, ! Congratulations! (on baby) Note down bdays.
     7. Leadership: Listening, critical thinking, giving feedback, time management, planning and implementation, organization and delegation, facilitation, motivation, mentoring, team building.

**Social interaction:**

* 1. *General principles:*
     1. Communication organization:
        1. email: check recipients, no double-sends, check spacing/formatting, spell check, check for internet cxn b4 sending, don’t send angry emails.
        2. gchat: type outside chat box, send quickly and have a roadmap for conversation, be clear, check spelling.
        3. text: short texts, quick replies, no getting overworked about someone’s confusion about you.
        4. phone: articulation, speak loudly, leave short vmails.
        5. skype/video: find a place with good lighting, get audio/video tested, make sure background noise is out.
     2. General rules of interaction:
        1. Level 0+1: Think positively about interaction: No getting overworked abt other’s remarks, stop beating yourself up, be humorous / Be Honest, ethical to yourself and others | Act cozily | Reliability / Consistency / Confidence /Shout.
        2. Level 2: Be logical, make sure you make sense / avoid random thoughts that come to mind / structure thoughts and check for non-sequitors.
        3. Level 3: Be intentional / Think before you speak / integrate with top-level point.
        4. Level 4: send message in way that others will easily receive it: *howtosayit*: grammar/picture errors, emphasize at the end, that vs. which, check for gen. rules (don’t use abbreviations), *bodylanguage*, *vocalvariety*.
        5. Level 5: *persuasion, avoid I: a. give honest and sincere appreciation b. don’t criticize, condemn, complain c. arouse in the person and eager want:* Be happy with others: Avoid mis-interpreting others’ intentions / don’t get mad when someone doesn’t understand you | avoid neg. thoughts | Identify common things | Listen to and Read people (body language, facial expression) || *empathy, wired to connect:* Situational awareness / Focus on one thing, and do that thing / Make eye contact / don’t be interested in random parties or randomness outside / emotional intelligence | Give space, avoid being over-intrusive.
  2. *Specific settings:*
     1. Technical presentations: find ways to break ice and avoid nervousness/think of audience as rooting for you, organize speech (be linear), get to the point, how to say it, your body speaks, vocal variety, research your topic (know content), use visual aids/materials (concrete?), persuade, inspire/connect, entertain/joke.
     2. Social gatherings/conventions (table topics): Be resilient to others words, think of words before speaking and making your point, punctuality, prep clothing, know schedules and email others in advance, know interactions that may come up, know what to go to/where to be, identify common ground in group and situational awareness, connect with the overall situation (mtg theme).
     3. Meetings/hangout/interview (conversation): prep for what to say, avoid going into things that generate unneeded work.
     4. Relationship setting: Be on lookout / think positively / icebreaker, Planning dates (make reservations, tell ahead of time what’s going on, don’t make things too complicated), Have something interesting + unique to say, show interest in specific things, Connecting (Find common ground, show compassion, show interest in the other person’s activities), Express emotions when you have them (when you like someone, tell them), connect about emotions.
  3. *Social Intelligence:*  --- Matrimony: 🡨 habits summary
  4. Mannerisms to have and to avoid: project voice, talk slowly, lips relaxed, smile, no frowning, eyebrows up, relaxed hands, avoid over-smiling, avoid moving arms, hands in pocket or to the side, avoid crossing arms, back straight, walk with brisk pace, don’t lean on places, walk straight line without feet scrubbing floor, give hugs tightly, shake hands thoroughly, no looking at phone, avoid bodily noises (no teeth clicks, no nose sneezes, no farts), don’t bump into people, clean trash behind you, fashion.
  5. *Working with Emot. Int (fix):*experience: emotional, social, general if/then, reliability, maturity/practicepoints/positivepoints, rule-experience, specific if/then, security, fault-correction, fault-tolerance.

**Application of Pers. Maint. And Soc. Interactions to Real Situations:**

Method of learning, and validating model

1. Identify situation, analyze what you did right and wrong
2. Write it down in docNotes
3. Practice it again in situations
4. Figure out where it fits in workLife -- connect with big picture
5. Unify, simplify and generalize
6. Some things from situation carry over to other situations
7. Organize according to general rules of interaction
8. Identify upcoming events and apply based on general rules + specifics
9. Prioritize the items

***Any situation:***

* belt, pants high,
* check wallets/key/cell , shave
* iron shirts
* deodorant
* no stains
* go to bathroom
* check concealer
* comb hair
* back straight
* think of points / objectives
* driving/transport

***Rel: Weekend Date:***

* go running
* Emo. Int.: identify points of nervousness
* Self-awareness:
* Self-regulation:
* Motivation:
* Empathy:
* Social Skills: influence, communication, conflict management, leadership, change catalyst, building bonds, collab, and cooperation, and team capabilities.
* If she’s poking fun at you for your weirdness, don’t get stressed about something someone said, or something you said, don’t get nervous, don’t get worked up on an opinion.
* Comm: have topics to talk about to open conv. (plan this out), eye contact, avoid distracting mannerisms.
* Comm: inspire: find common ground on little opinions, don’t talk about weather or generic things like work/traffic/news, find a place to spend time together alone.
* Mgmt: Time: Plan events for yourself a week in advance.
* Mgmt: SharedTime: Tell plans to other person, make sure it works for them.
* Mgmt: Time: Talk to parents about it / talk to friends about it 3 weeks before hand.
* Mgmt:appearanceVuln: no buttcrack, don’t smell, teeth/lips clean, socks clean/non-torn.
* Comm: lips relaxed, smile/avoid looking stressed, back straight.
* Mgmt: Appearance: Figure out clothes to wear each day, concealer
* Mgmt: Spaces: Make sure phone fully charged for each event
* Comm org: make sure to send to correct recipients, be clear in texts during coord.
* Mgmt: Logistics: know directions, know how to get to/from places.
* Mgmt: appearance: Dinner etiquette at meals.
* Error-detection: watch for
* Error-prevention:
* Error-correction:
* fault-tolerance:

***Rel: Skype Date:***

* Comm org: Make sure media is fine, find good lighting, have an intro.
* Comm:org.+intentional: have goals and outcomes, Figure out topics to talk about which connect.
* Comm: Make clean exit, know how to finish convo, keep convo to 30 mins.
* Comm: Mgmt: Ensure no one is around.
* Comm: Mgmt: Get the timing clear (time zones, etc.)
* Weddings, dinner parties, bar meetups, house parties
* Don’t laugh too much at something, to give the wrong impression

***Meeting with a friend at a bar:***

* Comm: Have specific items to talk about and catch up on
* Comm: Know answers to direct questions.
* Comm: Warn yourself to not be too intrusive.

***Meeting person X at work:***

* make sure you don’t smell.
* avoid farts, go to bathroom beforehand.

***Meeting advisor***

* have clear points to communicate
* make preview before hand
* be linear

***Meeting with several friends:***

* Comm: don’t be too intrusive.
* Have opening:
* Comm: don’t be excessive.
* Check shirt and make sure things are in order with quick changes
* Avoid negative points.
* Don’t say something and modify.
* Know what to do when you meet certain people.
* Don’t be too intense, esp. if someone is talking about something familiar.
* Don’t be the center of attention.
* Quick points without
* Say a few things, don’t go silent.
* Don’t get worked up when someone says something
* Don’t try to get attention in a group
* Eat with proper etiquette
* Pay attention to what’s going in a group setting, if questions, then ask
* Have closing

***Group Meeting:***

* Mgmt: send email beforehand to discuss what to do
* Make sure to discuss results, action items
* Comm: don’t discuss too much

***Full-body /all-hands Group Meeting:***

***Party at a bar:***

* Know directions, figure out timing for how long it will take
* Find people to go with
* Get the right clothes to wear, make sure clothes are ironed
* get cash

***Party at friends place:***

* Mgmt: find directions to house, check that you can get in, if shared community
* Comm: Be quiet and don’t impose
* Do what others are doing.
* Offer to help
* Don’t overstay your welcome

***Work social hours:***

* take badge with you
* avoid over-eating
* talk to people about your work
* clean shirt
* go with clean jeans
* avoid looking like you need the food

***Wedding of a close friend:***

* Mgmt: know clothing
* Have a list of sub-situations
* Know the agenda without intruding on others
* Don’t try to get attention from others

***BMM Convention:***

* Check events beforehand
* Don’t try to get attention from others
* Clothing

***SC conference:***

* check events beforehand
* clothing

***Lab Presentation:***

* don’t make assumptions on what people know
* be ready to answer questions easily

***Coding:***

* Follow code complete coding principles
* Think about big picture
* Compilation procedures
* Google when errors occur, and when confused
* Take breaks

***Results Collection/Experimentation:***

* envisioning information.
* talk about which research questions you are answering.
* think about research question.

***Paper writing:***

* Correctness in techniques, problem and results, Make sure about words making sense
* Structure is logical and flows without forward references
* CommInWork+Mgmt: commit changes and let people know
* Overall structure placement is good, submission-ready.
* Consistency across sections
* Use the right vocabulary
* CommInWork: Writing style

Specific Scenarios:

***Coming back home from the car:***

* Put keys, wallet, cell phone in the right place

***Email exchange for work:***- Check email formatting

* Use good style – read how to write good emails

***Someone asks “how old are you?” or personal question. In a group setting where friends getting attention and you’re not.***

***If someone gets angry at you:***

***Meeting a girl who likes you:***

***What do you work on?***

***Anytime:***

***Applying experience to above:***

***Implement the experience-learning:***

***Fluff( ) ; implement experience-learning.***

***Fluff2***

***Reliability : /error correction spinning with experience – spinning with practice.***

***What one person might say can apply to another person, though to a different extreme.***

***Make sure situations are clearer (why didn’t I bring the lexus?)***

***Cheating: teacher thinks cheating a regular failing student, but student doesn’t believe.***

Work: Working with Tami/secy,

Social: Honda dealer car.

Work: Gropp, bronis, …, garzaran, padua, torsten, todd,

Family: Dad, mom, Atul, Ridhima, Rakesh Uncle, Pinki Auntie,

Friends: Rishi, Chris -

Collaborators: Amanda, .. Costin, …,

Related Work: DPLASMA, rice-sarkar, locality,

Competition: … , …,

Work status: (layers): Livermore scholars, students

Social status: Indian, Brahmin, Marathi, …

Bosses: advisor, students,

Relationships: sateja, avani, others in queue – remember asm, experience.

Fine-grained.

Real-experiences – Paris.

God.

HIVE, count your blessings, harness the positive thoughts, alleviate key points of stress by talking them through, YOLO, dwell on happy thoughts (get books on depression). Urbana house, sunysb, -, highschool grad; asm house.

1. Worklife-cheatsheet - ppt slides
2. WeekPlanDoc ppt + weekplanDoc latex.
3. Mini-notebook.
4. Excel spreadsheet of jobs applied to
5. Experiences Sheet.

**Happiness:**

(read intro)

Emotional Intelligence:

**Stress Reduction / Anxiety / Meditation:**

1. Live in day-tight compartments

2. If Trouble backs you in a corner:

a. ask yourself, what is the worst that could happen?

b. Prepare yourself to mentally accept the worst if necessary

c. Calmly try to improve upon the worst, which you have mentally tried to accept.

3. “Those who do not know how to fight worry die young”

4. Get the facts. “half the worry in the world is caused by people trying to make decisions before they have sufficient knowledge on which to base a decision”

5. After carefully weighing all the facts, come to a decision

6. Once your decision is carefully reached, act! Get busy carrying out your decision, and avoid anxiety of the outcome

7. Business worries:

1. what is the problem?
2. what is the cause of the problem?
3. what are all possible solutions?
4. what is the best solution?

8. Crowd worry out of your mind by keeping busy.

9. Don’t let little things – small bugs/beetles - ruin your happiness.

10. Use the law of averages to outlaw your worries. “What are the odds against this thing happening at all?”

11. Cooperate with the inevitable. If you know a circumstance is byond your power to change or revise: “It is so; it cannot be otherwise”

12. “stop-loss” order on your worries .

13. don’t saw sawdust. let past bury its dead.

14. Fill our minds with thoughts of peace, courage, health and hope. We control each thought. Our life is our what our thoughts are.

16. Never get even with our enemies.

17. Don’t expect others to be thankful to you.

18. Count your belssings not your troubles.

19. Don’t imitate others . “envy is ignorance”. “imitation is suicide”

20. Life hands us a lemon, make lemonade

21. Forget our own unhappiness by trying to create happiness for others.

22. Be spiritual

23. Unjust criticism is often a disguised compliment. Remember that no one ever kicks a dead dog.

24. Do the very best you can, and then put up your old umbrella and keep the rain of criticism from running down back of your neck

25. Keep a record of fool things we have done and criticize ourselves. Since we can’t hope to be perfect, let’s do what E.H. little did: let’s ask for unbiased, helpful, constructive criticism.

26. Avoid thinking of others comments as trying to hurt you

27. Try not to think too much about one thing

**Getting things done (?)**

Know when something is adequate and get it done.

**Document extension:** emotional-Intelligence.docx , winFriendsInf.docx ,

**Work:**

1. Sincerity, ethics and honesty, Diligence, work 80 hours a week, enjoy what you do
2. Systems issues for setup: OpenMP runtime, moab scripts, compiler setup, .bashrc, ssh guide, machine access/banks, emacs editing, ssh key, macports, ‘use’ rose, use adept-utils
3. Baseline data: slack data histogram, noise histogram, increasing slack as we scale, dequeue overheads, other sources of noise (e.g. software error correction).
4. Develop theoretical analysis: Perf. Model based on baseline, engineering sched. parameters, execution time, validation of model with basic results, cost model.
5. Basic code/Implementation for dot product (make sure all optimizations finished, need to apply theoretical analysis here):
   1. Fortran:
   2. C:
6. App programmer usage + techniques: ROSE source-to-source, documentation of what the programmer has to do, use cases/corner cases when it doesn’t work, counting the number of MPI+OpenMP regions
7. CS knowledge:
8. Slack-conscious sched runtime: vectors, libunwind, wrap.py, slack pred strategies, overhead, error, noise/dequeue measurements, (optional: use additional slackpred methods)
9. Cmake software management: linking shared libs, high-precision timers, libraries (ssl, unwind, math), software arch.
10. Git: git stash, know commands, understand what’s going on, understand branches
11. Research Questions to setup experimentation:
12. Data points and .dat files org:
13. Data processing scripts/code: use python arrays, can use code from C here as well
14. Plotting scripts: .py scripts, organize plots
15. Processing results text output file of app run:
16. Apply techniques to actual Apps:
    1. NAS LU: ensure makefiles complete, update code
    2. AMG: run the amg files
    3. PF3D: run .i files
17. Performance results validation: Graph on varying sf, varying slack, varying noise, varying task sizes
18. Profiling to Explain Why it works: Costs of idle time and dequeue overhead
19. Persuade through intro: explain things one at a time, guide readers, state assumptions, “Elements of Style”
20. Literature search / related work: DPLASMA, Stanford work
21. Weekly Email updates: use good email etiquette, “elements of style”
22. Time management at work (schedules for projects, meetings, deadline): send out plan for year
23. Awareness of technology to be using in your field.
24. Marketing yourself and your work
25. Awareness of other people’s work/competition

Situations:

1. Ensure that the correct result is put in intro and abstract.
2. Latex:

- svn commit the .tex file with updated pdf generated from python script, and make sure to say something meaningful for it.

2. Python script:

a. Layout:

b. graph style and presentation: look up the best way to present the data (envisioning information)

speedup:

svn commit the script, svn commit the pdf generated and update the file in the latex as needed, making sure it looks correct.

make sure bash environment is setup correctly to have python from macports and pdflatex from macports

make sure you have the right .sty files and the correct paper format files

.dat file : put numbers in column

commit the .dat file

read numbers from the runtime, and print to .dat file: python script

scripts for running code: set environment variables, make sure it works for the particular machine in question

runFortranCodeVarySF, runFortranCodeVarySF.csh

Specific Graphs:

1. Scalability Line graphs

- Make sure that lines don’t get squished, adjust scale

- check that all lines show

- Trends for each strategy on NUMA and non-NUMA .

1. Speedup graphs

CS Knowledge:

Document extension: code-Practice.docx

Document extension: pcm-overview.docx

Document extension: aachenTravel.docx

**Work: mgmt: / admin: / travel: /comm:**

***Very long-term goals:*** My long-term goal within, say, the next 10 years is to use the research I have done during my PhD to make an impact to the field of computer science through offering new perspectives to a particular area of computer science or to develop an exemplar technological solution to a problem. (<HLFessay>).

***General Goal for Work***: Find a job at a company that does research. Write a paper this spring. Apply for a position to further distinguish yourself.

***Long-term goals (listen to what’s going on around you):*** Current state: HPC skills are important in a variety of fields. I am interested in continuing showing that my ideas are good, and developing my resume to be a leader in a company. I would like to make impacts for HPC in industry. I think a financial company is ideal.

***General Goal for Life:*** Better social int, friends base increase.

***Break down the goal:*** To do this, … I will need to … Read cracking coding interview, review webpages on questions. Do coding practice problems + Prepare behavioral questions. Mock interviews + learn from experience. Apply/Network. ***Notes on applications:*** Job postings, deadlines, application methods, hiring priorities, application documents, organization research, reference information, follow-ups, application status, requests for add’l materials, timelines, networking contacts, interview prep, post-interview notes, contact info, email initiation.

***Planning and logistics and politics*** … I plan to contact Blaise to ensure I get consideration. I will consider doing an IWOMP paper. I need to continue to support OpenACC work to get references. ***Upcoming deadlines:*** Argonne Training, Fulbright.

***Future work***: I want to get a job at Facebook. I then want to formalize the ideas. I hope that I can apply and formalize the ideas to other areas such as cloud computing. I then want to formalize the ideas to be societal. Media labs. To do this: … need to apply to jobs, Talk to people. Other directions (if the above doesn’t work):

1. Go to google/linkedin. Keep the papers going. Justify for why this works: This will allow me to maintain strength in what I do.

2. Go to media lab. Justification for why this works.

***Title:*** HPC rockstar. ***Casual Title:*** Software Consultant

***Work bios:*** tell people at work what you’re doing.

***Casual bio:*** (so, what do you do?): Software.

***Cover Letter***: Please tell why you would be a good fit for the position.

***Resume: Statement of Research: Publications List:***

***Reference Letters:*** Prof Cappello: / Prof Gropp: / Prof Johnson: / Prof. Garzaran: / Reference Letter by Prof Grigori

***Emails***: message to Blaise, message to Sandia, talk to Amanda,

***Taxes: / Admin/forms:***

***Travel planning:***

Strengthening: Building a network within work (think about how to do this, and how much priority this has): business industry, post-doc community, hpc community, tech industry.

Life:

Build social networks : To meet someone, I will need to increase fb posts for birthdays. I’ll need to add pictures every once in a while. I’ll need to show likes for news. I also need increase my presence online. I need to seek out events and plan out for the summer.

Find a girl:

- Meet through matrimony:

- Building a network outside of work (think about how to do this, and how much priority this has): facebook, SF events, weddings, Chicago events, PC/mgmt: Become better at work-life.

Document extension: resume-VivekKale.docx

Document extension: CoverLetter.docx.

**Spaces:**

***Jean Pockets:***

* Left pocket: Keys (RSA,car,house), cell phone (charger if needed) – unless it’s charging then remember to take it – Treat phone your baby !!
* Right pocket: wallet (40 dollars, credit card, driver's license, school id) - treat your wallet like its your baby 2 !!!

Vulnerability: right after coming home from car, taking off jeans for the night, at a club.

***Memorize:*** license plate num (E61 2444), ccnum, where you parked, add to sheet: miles per week = 100-150, gas per week = $30.

***Backpack***:

* main compartment: computer case (computer🡪 , computer charger)
* side compartment: keys, checkbook, pens
* left side outer: usb charger, outlet
* right side outer: lotion
* right side inner: glasses
* left side inner: badge

Vulnerability: don’t put on floor of hotel or on bed/couch.

***Office:***

* Left side: Fan, clock, phone, to file
* Right side: Food, tissue, papers, pens, hand sanitizer, tissue
* Cabinet 1: Right: work docs + books, Left: life docs + books,
* Center: Toiletries
* Cabinet 2: Papers
* Cabinet 3: Sleeping bag, pillow, misc., food
* Center: Computer 🡪
* Desktop:
* Docs:
* desktop background

Vulnerabilities: whenever I update the work docs.

***Car***:

* Glove compartment: insurance card.
* Trunk: water, clif bars, shorts.
* center console: earpiece, watch, sunglasses.
* passenger underseat: maintenance papers.
* driver underseat: checkbooks, receipts.
* windshield wipers, windshield washer fluid.
* tires check, oil change, maint req’d light.
* gas, windshield cleaning.
* Interior cleaning: front-inside of windshield, front seats, floor mats, side windows, center console, instrument panels, rear-view mirror, inside door entry.
* Exterior cleaning: wheels, hood, front sides, front door panels, rear door panels, trunk+bumper, roof

Vulnerabilities: have a busy week of driving and forget to fill gas, use earpiece to talk on phone.

***Bathroom***:

* clean toilet bowl
* check clothes in towel bar
* watch for water on floor
* clean sink area
* check for hairs on bathtub

Vulnerabilities: whenever done with shower.

***Kitchen:***

* fridge:
* pantry:
* cabinets:
* take garbage out.
* clean /mop floor, clean countertops, watch for boiling water

Finish organization book, Julie Mortgenson’s organization

Doors locked when going out, garage door, check stove

***Appearance:***

* contacts / check for glasses
* make sure belt is on, clean shirt
* pant should be high

***Bedroom:***

* *closet: top shelves: sport shirts, undershirts, polos*
* *closet: bottom shelves: pajama, underwear, jeans*
* center: bed: pillow, pillow covers, bed sheet, blanket
* left of bed: bedstand: top drawer:
* right of bed: desk

***Facebook:***

FB birthdays: ‘Happy Birthday man’ to close guy friends. ‘Happy Birthday <name>’ to girls. ,

***LinkedIn,***

***Laptop***

1. Hobbies/tennis/bmw/jogging/humour-attention grabber.
2. Cover Letter
3. Business Card
4. Resume/CV, picture
5. Other companies/ questionnaire
6. Long-term goals
7. Transcripts, Courses, Coding
8. Statement of Research Interests.
9. Code examples, discussion of library, Research Experience
10. Publications, Awards and Honors, Conferences Attended, behavioral questions
11. Experience Excel Sheet
12. Networking/LinkedIn .

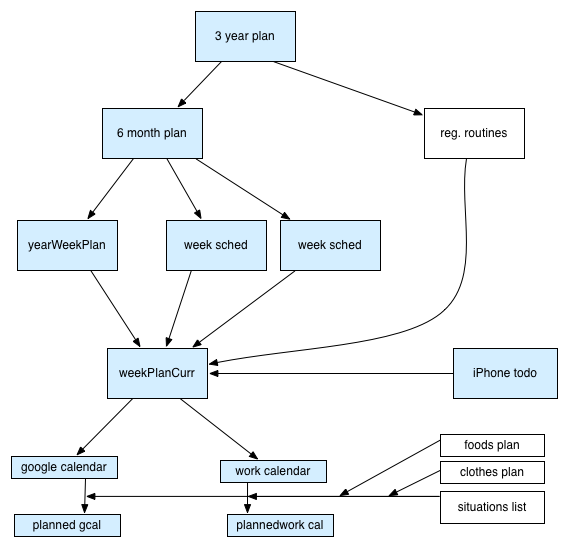
Girls – Relations

Make a daily plan to handle these things:

jean pockets (KeyWalletCell), Backpack (no crumbs, organize all pockets), office (clean desk of papers, get rid of hairs), laptop (clean outside, org folders), room (make bed, fold laundry, make sure no papers lying around), car (clean outside, get rid of crumbs, clean inside windshield), kitchen(milk in fridge, watch boil water), bath(water on floor, toilet bowl, take clothes out), lock doors, wash hands before/after eating something

When to throw things out:, Where to place certain things:

**Time:**



3 year plan:

Year week plan: Project goals list, Life goals list, monthly plan, Week-by-week plan

Project todo list:

iPhone todo list: use labels Mgmt, Comm, Rel., add on

Weekly Mgmt: Weekly to do (look at items from projects, from iPhone, from gchat), Making time Estimates, Prioritization, Schedule

Regular Routines:

*Every Morning:* Oral Hygiene (5 mins), Brush Teeth**,** Mouthwash**,** Clean tongue - it helps with breath **,** Eating small breakfast**,** Check your schedule for meetings / appointments for that day: Is anything urgent? 5 mins**,** Excercise: 1 hour (Stretch for 10 mins, Treadmill for 30 mins , Lift weights or Yoga 1 hour, Meditation for 10 mins)**,** Shave:5 mins (at least every other day) **,** Shower: 10 mins (shampoo+conditioner, acne wash,  soap on underarms/underbody) , dry hair, dry face, arms, legs, back, stomach, Clothing 5 mins to 10 mins**,** Comb hair, hair gel optional:(1 min.)**,** Remember to lock door, Keys/Wallet/Cell/Badge (get a bucket) (1 min.)**,** Any required medicines (1 min)**,** Wear lenses and rinse out case (2 mins)**,** Deodorant or cologne depending on the day 1 min**,** Wash your face with a face wash - it helps with acne (3 mins.)**,** Moisturize - apply lotion  (2 min)**,** Neti pot / clean out sinuses - if you’re feeling congested:5 mins **,** clean out ears, nose: 5 mins.

*Every Evening / Night:* Call family: 30 mins**,** meet friends: 20 mins, Cleaning dishes / cleaning house: 10 mins, Lay out clothes for the next day, iron if necessary, start laundry if needed: 10 mins, Collect anything you’ll need for the next day (e.g. dry cleaning to drop off): 5 mins, Check Facebook/linkedin/google+: 10 mins, matrimony stuff: 10 mins, Food for lunch/dinner the next day: 10 mins, Situation analysis: 10 mins

*Going to Bed:* Finish computer stuff: 5 mins ***,*** Get into sleeping clothes: 1 mins, Before sleeping: brush teeth, floss - 2 mins ***,*** Properly wash and put away contacts: 2 mins***,*** Review the days good things: 10 mins ***,*** Light Reading: 10 mins, Prayer: 10 mins

Sat: analyze past week, spaces org, clean room,

Sun: long-term planning, week plan, running,

Mon: meeting notes, coding , prep for Toastmasters

Tuesday: Weights, Toastmasters @ 12PM

Wednesday: Weights

Thursday: Yoga

Friday: Weights

Clothes planning: coordination/Appearance details/ matching/ what to wear when: shirts, pants, underwear, socks, have combos set up, put them on calen

Foods planning: Groceries (milk, juice, bread, fruits, frozen foods), Dinner (spaghetti, indian, Mexican, Burger, Burrito

Calendar:

* every year, put new routines on calendar
* every month, put upcoming big travel plans
* every week, update calendar
* every day, look at calendar for the next day, and see which situations arise.

Identify situations and put them up on calendar, and then put the situations pre-notes and post-notes to the calendar.

Think 20 mins ahead to see what’s happening.

Think a day ahead of time what’s happening and plan ahead .

Gen Knowledge: Directions/Logistics/Driving/Car

Gen. Knowledge: weather, technology, news.

Dinner Etiquette:

Health/Gym:

Budget/Money:

**Emotional Intelligence:**

**Elements of Style: (TODO: add on):**

When to use semi-colon, put emphatic words at the end, that vs. which, gen. principles (write from the heart, have sympathy for reader).

**How to Win Friends and Influence People:**

* Never criticize, condemn or complain.
* Give honest and sincere appreciation
* Arouse in the other person an eager want.

**Conversation Skills**

(look at video) -

**Social Intelligence**

**TM:**

(write down intro)

general evaluator

timer/grammarian

speaker

speech evaluator

table topics presenter, table topics answering

facebook, linkedin, Microsoft,

(Organize a bit better – 30 mins) :

***Matrimony/Relationship Mgmt :***

Picture1 , Picture 2

Later (R1438138) 

**A few words about my son:**

My son grew up in the US. He is a handsome and athletic person. He is hardworking and studious. In his free time, he enjoys playing piano. He also plays and follows tennis. He is doing a PhD in Computer Science, and has a fellowship to work in a government laboratory while doing it. **Basic Details:** Name: Later, Body Type / Complexion: Athletic / Wheatish, Age: 29 Yrs, Physical Status: Normal, Height: 6 Ft / 183 Cms, Weight: 76 Kgs / 167 lbs, Mother Tongue: Marathi, Marital Status: Never married, Eating Habits: Eggetarian (vegetarian), Drinking Habits: Light / Social drinker, Smoking Habits: Non-smoker **Religious Information:** Religion: Hindu, Caste / Sub Caste: Brahmin Deshastha (Caste No Bar) / Rigvedi, Gothram: Vishwamitra, Star / Raasi: Not Specified, Manglik: Don't know **Location:** Country: United States of America, City: Berkeley, State: California, Resident Status: Citizen, Citizenship: United States of America **Professional Information:** Education: MSc IT / Computer Science, Education in Detail: BS Computer Science, then worked for a while before returning to higher studies, Occupation: Student, Occupation in Detail: PhD student/ Fellowship, Employed in: Government/PSU, Annual Income: Not Specified **Hobbies & Interests:** Hobbies: playing piano, Interests: Politics, Health & fitness, Favorite Music: Hip-Hop, Rap, Techno, Jazz, Western classical, Pop, Sports/Fitness Activities: Cycling, Tennis, Jogging / walking, Weight lifting, soccer, Favorite Cuisine: South Indian, Thai, Punjabi, Italian, Preferred Dress Style: Casual wear, Western formal wear, Spoken Languages: English, Marathi

**Family Details:** Family Values: Moderate, Father's Status: Professor, Family Type: Nuclear, Mother's Status: homemaker, Family Status: Upper middle class, No of Brother(s): 1 - Not Married, Ancestral Origin: Not Specified, No of Sister(s): None **About our family:** We are a close-knit family. We have been in the US for the last 30 years. His younger brother works in Chicago. We are well-connected with India, with siblings in Pune.

**PARTNER PREFERENCE**

**Basic & Religious Preferences**

Brides's Age: 24 – 30 Yrs, Height: 5 Ft - 6 Ft / 152 Cms - 183 Cms , Physical Status: Normal, Eating Habits: Doesn't matter, Smoking Habits: Non-smoker, Drinking Habits: Doesn't matter, Religion: Hindu, Mother Tongue: Any Mother Tongue, Caste: Any Caste, Sub Caste: Any Sub Caste, Gothram: All (Except my gothra), Star: Any Star, Manglik: Doesn't matter**,** Education: Any Degree, Occupation: Any Occupation, Annual Income: Any Income**,** Citizenship: Any Citizenship, Country: United States of America, (India), Residing State: Any, Any, Residing City: Any City

**What we are looking for**

|  |
| --- |
| Must be willing to live in the US. Prefer someone who spent many years in the USA.  We hope to find someone who has a happy disposition and understanding nature. |

*Rules for parents involvement:*

1. Every on Sunday, both Vivek and mom and dad go through the people and filter those that are likely candidates.
2. Have a call with me to discuss “yes”, “no”, “maybe”. For those that are “yes”, respond within two weeks. For those that are “no”, respond giving one of the stock responses(“looking for U.S. citizens” , “not what we are looking for”).
3. If pictures are asked for, give only 3 additional pictures. These should be the same for each person that requests.
4. In the initial interest by parents, do not try to sell yourself and me at all. Just answer the questions that are asked. They can already google things about you to figure out whether you are a “Professor at the University of Illinois”.
5. When the mother is talking, please have mom talk to her directly. I don’t want dad talking to the mother.
6. Also, I want mom’s signature to be on some of the emails.
7. When asked about specific information about me, such as “what I’m doing , plans for the future”, say vehemently that “Vivek will tell more about this”
8. Before getting involved in a phone call, please let me know about it!
9. Before starting an email exchange (even if they need a response quickly), please let me know about it! Let me know about specific questions you might have.

*Stock Responses:*

*Interests:*

*Mgmt:*

- Every weekend, set aside some time for responding.

- Every night, check new interests and add on to list.

- talk to parents

Dating guide:

* Don’t talk about past relationships
* Know when to hold hands, when to show affection, when to kiss
* Listen carefully to conversation
* Don’t say anything negative about girl, even if she says negative to you.
* Stay calm in tough situations
* Be happy and smile, act like you are having fun
* Add humour every now and then
* Connecting/find common ground
* Understand married life
* Send flowers to show you care, when interested.
* Be intentional with what you are saying, make sure you organize your thoughts
* Shout to look confident
* Avoid talking too long on phone, keep dates short and simple
* Remember that a girl’s mind can’t forget things often

Channels :

* Match
* Matrimony
* Eharmony
* website extension: experiences

* CoffeeMeetsBagel

D

Attic:

Resume + applications

Dos and dont’s: put everything in central spot.

Spreadsheet for jobs, Job search apps, Paper? , Project management software, Make a schedule: work for 30 minutes a day: , Make templates: , Mgmt: rel: vulnerability: Back it up: (use box). Todo: next steps.

To do: next steps: what are 3 things you can do in the next week to get on track to stay organized?

1. Work: admin: Create a word document with one full application cycle.
2. Work: admin: Create an excel spreadsheet to store the different apps.
3. Work: admin: Read interview book to get additional information to shape. And talk to go.illinois.edu/GradCareersAppt/

Purpose:

1. provide a runtime to automatically adjust scheduler parameters for obtaining further performance improvements of application codes.

2. substantially reduce application programmer effort to use our technique through automatic transformation of the application programmer’s code. Functionality: