Size per: 151 KB = 0.15 MB = 0.00015 GB.

This means that for 2 years 108 \* 0.00015 GB = 0.01620 GB = 16 MB

Thus, the size is not an issue.

Linked to wunderlist, mindmap, latex doc, gdoc, Pages,

TODO: get latex code version in word document TODO: get C code version...... TODO: fill in monthly plans.

Documents: Summary: Place in big picture.

Howto:

Mission Statement: past successes: core values: contributions: Identify Goals: Write a mission statement:

Happiness:

10-year: technology, live in California and drive a BMW 335i.

3-year: Patterns and software, course, software.

1-year: research, interview prep, networkin1 qg increase.

Work:code :

1. SBIR  phase 2 . University of Illinois - 5%

2. Supercomputing  - phase 2 - Technical :

3. People

1. Supercomputing exhibit logistics

2. Making a list of potential list of products, companies, people

3. Sell to people who want to use products. Load balancing.

4. Do one of your products in Charm++.

5. ISV, e.g., selling a product using Charm++ to others.

Sales: —> searching who are using Charm++ Marketing:—> What should the pitch be like?

Small Interactive coding:

Deadline for Letter of Intent:

Write another proposal:

OpenMP static/dynamic scheduling: Next Tuesday; / Proposal:

Performance Visualization Tools, Projections tools, PAPI counter —>  expanding it to do Charm++ and OpenMP  and MPI.

1. Charmworks.

2. Decision of signatures.

3. Putting up on LinkedIn companies.

Rishi Khan- started his own- what can we apply machine learning to? Several parameter space . Trains on a set. Optimal based on parameter set.

4. Organic Chemistry teachers in high school. Idea of startup: business works when … What things do people need for speedy answer?

Forecasts are used for … Looks like you’ll have rain b/w St. Louis and … . Requires thinking.

Background

Projections proposal.

formal intern charm works August 15 to current.

Startup : August 15 (formalized  on ) : planning an explanation Spring 2016 onwards.

Formalized company. August 2016.

1. Work:rel(cvr): send cover letter + Work: update resume + Work: change website to have description of work on separate page + Work:rel(): update LinkedIn page with cover photo+ Work:rel: add Tony Baylis.

Past: didn’t answer my fb message

L3: intent: wish without imposing

Outcome: stays friends.

Work:code: Project - Research Paper:

1. Put up latex.
2. Gather all research.
3. Gather project work.
4. Write down introduction.
5. Gather data for OpenACC.
6. Explain other details of setup.
7. Note data for OpenMP.
8. Work(cp): make plan for coding =
9. Work: plan for paper = Work: organize code.
10. Work: put together code paper + Work: go through problem for stencil + Work: organize code.

Schedule: March 24th: do latex, March 25th, March 26th .

Work:code: - Project - Coding practice: p for interview

1. Work:code(cp.bm): finish bit manip: finish problem 5 from book
2. Work:code(cp.bm): finish bit manip: finish problem 6 from book
3. Work:code(cp.bm): finish bit manip: finish problem 7 from book
4. Work:code(cp.bm): finish bit manip: finish problem 8 from book
5. Work:code(cp.bm): finish bit manip: finish problem 9 from book
6. Work:code(cp.bm): finish bit manip: finish problem on
7. Work:code(cp.bt): review brainteasers – 1 day.
8. Work:code(cp.bmpie): do graphics problem from bit manip: rectangular overlap.
9. Work:code(cp.bmpie): do big endian vs. little endian :=
10. Work:code(cp.bmpie): number of ones :=
11. Work:code(cp.bmpie): code up bit manip problems :=
12. ~~Work:code(cp.bt): finish brain teasers: finish problem on egg drop from book.~~
13. Work: code(cp.bt): talk about and write 100 lockers.
14. Work: code(cp.bt): finish brain teasers: finish problem on heavy pill .
15. Work:code(cp.btpie): finish brain teaser problems from programming interviews exposed.
16. Work:code (cp.): go through C++, Work:code (cp.): go through Java + Work:code (cp.): go through OOP.
17. Work:code (cp.): code up problems. – 1 week.
18. ~~Work:code (cp.): integer problems + numerics -- 1 week.~~
19. Work:code (cp.): practice mock interview problems. – 1 week.
20. Work:code (cp.): finish recursion + BFS/DFS – 1 week +
21. Work(cp): coding problem := Work(cp): coding problem on bits and arrays and hash tables.
22. Mgmt:Spaces: decide what to do for moving to Boston + Mgmt:Spaces: decide where to move
23. Work(cp): MIT lecture on depth first search.
24. Work(cp): MIT lecture on Dijktra’s = Work(cp): print out lecture notes from Dijktra’s + Work(dj):
25. Work(cp): MIT lecture on hashing.Schedule: Work:code (cp.): finish bit manipulation ? Work(cp.): review brain teasers in book, Work(cp.): Work(cp.): go through C++.

Work:code(cp.): finish recursion, Work:code(cp. ): code up problems, Work(cp.): practice mock interview problems.

1. Mgmt:webpresence: move description of .. to beginning of Work section. ? + Work(cl): finish resume and CV updates with Charmworks stuff. \te{2 hours} \dl{Wednesday} \pr{}.

Work: comm: Project –general:

1. Work(pappub): setup for SBAC in Los Angeles + Work(pappub):
2. Work: message to Stephen + Work: send OpenMP notification to Stephen + Work: send message to Micheal Klemm about OpenMP + Work: send message to Ron Brightwell +Work: check about the meeting

Work:rel: Project – Awards:

1. ~~Figure out write-up for Fulbright.~~
2. ~~Attend Fulbright :~~

Work:rel: Project – interview with Berkeley/MIT/industry:

1. Cover letter:
2. CV: + Research Summary: -- 1 week.
3. Business cards: - use latex -- 40 minutes.
4. Behavioral questions answers: -- 1 week.
5. Send emails – 1 day.
6. Structure in latex.
7. Work(codingPractice): Do coding project.
8. Work: gather emails of Professor Gropp’s for review?
9. Work(codingPractice): Do coding for.
10. Work:rel: network with people from HLF \te{45 minutes}.

Schedule: Behavioral answers – 1 week, CV prep - 1 day, business cards.

Mgmt:Health:Project – summer health (TODO: fix this)

1. Mgmt:Health: find dentist for checkup
2. Mgmt:Health: see hair specialist
3. Mgmt:Health: see doctor.

Worklife: - Project: – Comm:rel:

1. Worklife: link management together.
2. Worklife: link habits comm and Toastmasters.
3. Worklife: latex viewpoint.
4. Comm: read social intelligence first four chapters.
5. Comm: link all comm together.
6. Worklife: get emails and texts to analyze.
7. Worklife: figure out how to book flights and trips quickly
8. Worklife: plan out 7 habits + social intelligence + Worklife: read article on social intelligence.

Schedule: Comm: read social intelligence first four chapters and get a method to take in information – 5 hours.

1. Work:rel: message to Yavatkar Kaka about VMWare.
2. Worklife(commPractice): write down social intelligence notes from abstract and from first chapter.
3. worklife(po): update worklife \te{3 hours} = worklife: clean up by writing in latex file ~~=~~ worklife: finish comm section \te{30 minutes} \dl{next Week}.
4. Work:comm: add people from HLF to LinkedIn = ~~Work:comm: add Julia Eberhardt Pro-: 1. Do it now to get attention for next year’s or later 2. Tony Baylis did it, Con-: can be too forward to get in the way – not if done soon L5:~~ + Work:comm(): add Alesso + Work: add person from MS + Work: comm: consider adding Ana + Work: add Renata on researchgate + Work: email Fred Brooks.
5. Work:comm: send message to Todd.
6. ~~Work:rel(web): update website with cover letter~~ + Work:rel(cvr): update website with personal and hobbies + Work:rel(): update LinkedIn page with new role + Work:rel(): update LinkedIn page with better description.

Comm: link comm together, worklife: latex viewpoint. GenKnowledge:

Mgmt:Spaces:

1. Mgmt:Spaces(GetThingsSpring2016): get Things = ~~Mgtmt:Spaces(getThings): checkout the BMW key case~~ + Mgmt:spaces: get suit
2. ~~Mgmt:Spaces: get voicemail fixed - ‘Hi, you have reached Vivek’s phone. I’ll call you back as soon as possible.’~~ + Mgmt:Spaces: delete voicemails’
3. Mgmt:Spaces: get iPhone 7 = ~~Mgmt:Spaces: decide b/w iPhone 7 and iPhone 7 Plus~~ + Mgmt:Spaces: get 1 TB disk drive.
4. Mgmt:Spaces: get BMW SOS system serviced.

Work:comm: (can impact work):

1. Work:rel: add Hirve Kaka.
2. Work:rel: add Shikha.
3. ~~Work:rel: add Dele.~~
4. Mgmt:webpresence: fb like to Lagha

Work:rel: - Project – Comm: rel:

1. Comm:rel: meet others: Sweta Kambaskadwar. + Mgmt:webpresence: fb like of Shalaka’s. L3:past: she liked and suggested to come, lots of time delayed. I didn’t like back. Intent: show interest. Outcome: stay alive with Rucha?
2. ~~Respond to Vinayak.~~
3. Comm: Message to Labonee about moving.
4. Mgmt:webpresence: fb like to Tanuja
5. Mgmt:webpresence: take Xin Zhao off and remove anyone else that you don’t want from work.
6. ~~Comm: message to Rayna about re-union.~~
7. Mgmt:webpresence: update location on linkedIn + Mgmt:webpresence: update.
8. Mgmt:webpresence: consider deleting asdfjkl; , ‘…’ and making parts of facebook bmm 2006 public.

6-month: Finish work, Get a job: interview prep, work on pres. of work, increase presence on fb, shaadi.com.

December: finish work, | worklife, study.

January: Meet people, study for job interviews.

February: finish interviewing.

March: Meet people.

April: Do work for SC/IWOMP.

May: Meet people.

June: Meet people.

July:

August: cover letter, finish videos of ocw, finish programming problems, finish social intelligence, review all material and prepare.

September: Practice presentation and prep all applications.

October: Work: decide where to accept, have social media ready, Mgmt:Health: get help.

2-Month Plan: December: code + worklife, January: study for interviews.

2-Month Plan: February: code | March: code + interview review + finish coding work.

2-Month Plan: April: code, May: code paper review.

2-month plan: June: work on applications July: moving

2-month plan: August: September: cover letter, finish videos of ocw, finish programming problems, finish social intelligence, review all material and prepare.

Weekend plans:

**Week of February 4, 2017:**

1. EI: send list of places to Andi.
2. Work: finish cworks.
3. Mgmt:Spaces: take care of moving.
4. Comm: Wish Renata Happy New Year? + Comm: send messages for matrimony + Comm: add Vinayak on FB.

**Week of February 11, 2017:**

1.

2.

3.

**Week of February 18, 2017:**

**Week of February 25, 2017:**

**Week of March 2nd, 2017:**

TODO: make complete and consistent and compress.

**Friday Night:**

**Saturday Routines:** check Facebook for updates and messages. Check matrimony and prepare responses to send on Sunday morning.

**Sunday Routines**: Experiences, week plan.

**Routines:** Morning: bfast, exercise/brush, floss, shower (hair, eyes, ears, underarms, feet), meds, belt, comb hair / dishes, clean kitchen floor. | Work: algorithms, Work: Implementation, Work: Meetings | Night: running / put away dishes, clean kitchen floor / brush teeth, charge phone, clothes for tomorrow, contacts off.

**Spaces:** Verizon pswrd: robot443, Google Express code: DHDQQJQDRFTXDM95B

**Wallet:** Day trip packing list: charger for iPhone, charger for laptop, car keys, underwear, black socks, shoes, meds, halls meds, greyhound, boarding pass, flight pass. TODO: put in list.

**AngerAndWorriesList:** 1. Udatta Kaka anger: think about convo, 3. Problems from man 🡪 you said you were angry – the only thing that discomforts me is that he didn’t look at me in shame. 2. Couldn’t go to uhs : 3. Other people around you. Job : try in another few months.

**Week lessons:** 1. Win Friends/ Influence People – no one likes to take direct orders.

1. Go through 7 habits.
2. Coding problem:
3. Chess tips:
4. tm tips:

**News**: m: s: trump deport| Fallon/Kimmel: weather: M: T: W: 60 - r - gp high, R: 60/0/0 , Sa: 60/r/gp – high. Su

**Week Plan:** Mgmt:Spaces: take care of apartment, Work: send message

Howto:

**Weekend Plan:**

**Running TODO: <enum/pri list>:**

1. EI: get the counselors taken care of in D.C. area.
2. Work: do Cworks items = get application with ckloop that’s load imbalanced. Modify ckloop to ckloophybrid, where static section is not stolen by cores, i.e., cores do not steal work during execution of statically scheduled loop iterations + consider additions: weighted static, locality-optimized. Bind cores, i.e., drone mode Integrate with git + Work: get projections done.
3. Work: fix gpu4 system = ~~Work: get diy to be set~~ + Work: get diy to work + Work: figure out whether you need LibCuda-optimize + Work: confirm that the program works for MPI on multiple nodes + Work: read about SHARP + Work: talk about plan for paper.
4. Work(prp): prep for presentation = Work(prp): get ptychography algorithm correct + W~~ork(prp): figure out how to transition form beginning to after ptychography~~ +Work(prp): figure out whether to model MPI code goes in the talk + Work(prp): replacement for within-node load balancing + Work: change to ~~+ Work(prp): get appendix to work~~ + ~~Work(prp): practice talk~~ + Work(prp): accept calendar invite + Work(prp): look at audio-visuals.
5. Work: send response to JP about review.
6. Work: send response form for interviewing.
7. **Work: talk to Abid.**
8. Work:admin: IM system for LLNL.
9. Work: laptop setup = Work: get MS office installed + Work: install wunderlist + Work: get ViveksLaptop on macbook.
10. Work: get plan for paper done.
11. Work: get account on confluence.
12. Work: send message to Micheal Klemm about OpenMP user-defined schedule.
13. Work: send message to Sunita.
14. Work: rel: message to person from place to network.
15. Mgmt:Spaces: get internet setup.
16. Mgmt:Spaces: AA cc.
17. Work: send notes for review.
18. Mgmt:Spaces: cancel joyable.
19. Mgmt:Spaces: get refund from AA + Mgmt:Spaces: pay parking ticket from VA + Mgmt:Spaces: look at what to do about check engine light + Mgmt:Spaces: update car software + Mgmt:Spaces: get the bumper bully + Mgmt:Spaces: clean out rear + Mgmt:Spaces: change insurance + Mgmt:Spaces: get Virginia dl + Mgmt:Spaces: get replacement for Chase card.
20. Mgmt:webpresence: fb unlike Kavita’s pictures + Mgmt:webpresence: fb like to Mamta + Mgmt:webpresence: fb like to Alyssa + ~~Mgmt:webpresence: fb like for Paris-Shalaka~~ + Comm: put a picture on Instagram + Mgmt:webpresence: add picture of Feb. 4th dinner + Mgmt:webpresence: hbd to Naresh.
21. Comm: reply to Shalaka.
22. Mgmt:Spaces: finish transferring pictures + Mgmt:Spaces: figure out how to delete photos from iPhoto + Mgmt:Spaces: figure out why size of photo booth stays the same.

Alg for Mgmt:Alg for Comm L0: L1: L2: L3: Maps L4: L5: -> L0 TODO: and prioritize . Use colors for levelsHowto:

**Situations:**

1. Meeting with Surbhi and others for dinner. Pre-: wear red shirt. Post-: Don’t get nervous if you say something wrong, don’t think too much in complex situations, hold your ground.

**Sunday:** Work: **|** **Monday**: **|** **Tuesday:** Work: message to JP about slides, Comm: write out slides **| Wednesday: |** **Thursday: Comm: | Friday: |** **Saturday:**

*Schedule:*

**Jobs:** everytime someone is hiring, they take a risk.

**cat1:**

D.E. Shaw | SUNY/BNL: applying . | IBM: applied,interviews. | Sandia: applied and failed, Cray: applied and got offer, USC

**cat2:**

Intel: Applied and failed. Intel: re-application completed, AMD: applied, Samsung, VMWare: Contacting Yavatkar Kaka.

**cat3:**

Google. MongoDB: applied and failed, Facebook.

**cat4:** LLNL

Career fairs:

LinkedIn connections: Organizer of HLF, Tony Baylis, Jim Birchfield, Vint Cerf, Cliff Stein, BSP model, Fred Brooks, Leslie Lamport, Alessandro Acquisti, Girl from Germany, Fred Streitz, person from CMU, Mark Reitblatt, costin iancu/ jim demmel, Michael Wolfe?, Kyle Bragini,

**Events:**

**Friends:** Talk to Nishant, Message to Labonee.

**Rel**: *cat1:* S. Van, Shalaka/Rucha, Sateja P, Divya, *cat2:* sonal mukhi, Girly S, Mamta, Manjiree, Nandini, sapana/india, Avani, *cat 3:* Shilpa Ghate, Renuka, Srp, Vinita, Renata,

**Rel-mat:**  Kasi V. Nandini (M4495247) Preeti N., [SH12541349](http://www.shaadi.com/profile?profileid=mSH12541349&ubt=L3Byb2ZpbGUvc2hvcnRsaXN0P2xpc3RfaWQ9NDQ5NzU4NHw2ZTczMGVhZGZlZTA3ZWYzMDdiYTc3ZmU5ZDU2NTk0NHw2Zjk2ZjRiNDU4YzliMmJlMjBhZGI5OTMxYWU4ZjgzOA%3D%3D&source=shortlist-listing&evt_ref=bGlzdC1zaG9ydGxpc3RlZF9tZW1iZXJz):  Boston, 29, 5' 8", SH90277232, SH79389135:, Manj., Med D.,

**Rel-date**: check out manpreet komal , bhavni joshi , , michelle parekh, surbi gupta, priya Bhatia, khushboo

**Flirt:**

Winfriends Inf people : -

Renuka,

**Friends:**

Palekar’s:

UP:

Rohun:

Networking:

Bhagwat’s:

Kapoor’s:

Anchit:

Interaction. Atul is smart.

Shuchi:

Sudharshan’s:

Amit:

Sangita:

Kumar’s:

Ashwin:

Shilpa:

Saied’s:

Kukreti’s:

Kumar’s:

UIUC friends:

Sadhna:

Rishi:

Amaeya:

Chris:

Brian:

Arif

Karan:

Gopi:

Amanda:

The reason that I deleted you from LinkedIn is that I don’t think we’re connected professionally. In case I offended you, accept my apologies.

This is my reasoning, and I feel justified in it. I felt the need to explain my actions to you.

I felt it had made sense at the time, but some strange events occurred after that which mad

P.S. Congratulations on your apartment in New York City. I saw it on Facebook 2 months ago.

**Code:**

Configuration in build system. MPI.

Output:

1. Make separate files for OpenMP and OpenACC code. Create separate branches for them.

14. Code Hand transformation:

1. ModEOS.fpp
2. ModRungeKutta.fpp
3. Work(code): ensure PlasComCM code runs on surface
4. Work(code): ensure GPU code runs are correct, write notes down for this.
5. Work(code): check that the OpenMP and OpenACC version of StrnRt are correctly parallelized
6. Work(code): Put an $acc data clause at the beginning and end of the timestep loop and/or at the beginning of the application
7. Work(code): create library for over-decomp stub and make sure it works with stencil.
8. Work(code): make a function out of stencil.f
9. Work(code): figure out how to get stencil to compile on Cray BW –done .
10. Work(code): figure out how to get stencil to run on Cray BW
11. Work(code): change pointers to allocatables
12. Work(comm): send Prof. Gropp a message about allocatables.
13. Work(code): add in the overdecomp examples
14. Work(code): merge code from meshcomp repo onto laptop
15. Work(code): figure out the problem with data type in plascomCM
16. Work(code): separate out OpenMP from OpenACC
17. Work(code): add OpenACC to other loops

**Work: how many GPUs to fit all data in memory**

Powerpoint slides for Aachen trip

**Coding Sheet**

**Job Search:**

1. Applications to companies.

2. Resume updates.

3. Business cards.

**Companies:**

1. D.E. Shaw contact Brian Greskampf for re-interview - / Postdoc position
2. Cray
3. Oracle / Apple
4. Facebook/ Google
5. Finance company: Goldman-Sachs .

**People to Talk to:**

1. LLNL
2. Intel
3. FB
4. Mrinalini / Hassan for FB
5. Brian Greskampf for D.E. Shaw .
6. Vikram Adve / Adrian Prantl for Apple:
7. Yavatkar kaka / Larry Meadows for intel :
8. Ari Schlossberg for Palantir

**Interview Practice:**

1. Read book
2. Review existing coding
3. Prep coding questions through compilation
4. Practice run of explanation of coding questions

Fundamentals practice:

1. Finish writing Jacobi problem.
2. Do recursion practice problems.
3. Organize the topics.
4. Add problems at the end of each.
5. ~~Update worklife sheet, work part.~~
6. Make associations with different problems, e.g, the Fibonacci , prime, and staircase.
7. Write down fundamentals practice problems.
8. Sorting and Searching:
9. Algorithms problems.
10. ~~LinkedList Problems.~~
11. ~~Binary Tree problems.~~
12. ~~Review binary trees on OCW.~~
13. ~~Add in behavioral questions.~~
14. ~~Review other problems like Linked Lists.~~
15. Do practice problems at least thrice.
16. Do problems.
17. Work(cp357): finish practice problems for 3/5/7 = Work(cp357): write down solution alternatives \te{3 hours} + Work: go through sieve.
18. Work(ds): check remaining data structures = Work(cpheaps): add code for heaps + Work(cpds): go through remaining stack and queue problems.
19. Work(cp): add in code from trees = Work(cp): go through code with inorder, preorder, postorder + Work(cp): go through code involving + Work(cp): review code done for interview assignment.
20. Work(cptrees): Review binary trees = Work(cptrees): review pre/in/post + Work(cpArr): coding problems with arrays Work (codepractice): Practice problems for interview with trees \te{2 hours} \pr{} + Work(cp): do problems left out on lists and stacks.
21. problems \te{1 hour} .
22. Work(cpc): review c and c++ problems
23. Work(cp): do mock interview = Work(cpreview): notes on things to do differently + Work(cp): figure out why choking beforehand + Work(cp): review behaviorial + Work:integrate toastmasters prep + ~~Work(cp): study methods to answer q’s in cracking coding interview~~ + Work:rel:ad: check the coderpad and the logistics + ~~Work: rel: check cell phone + Work(orgAllCourseMaterial): make big picture of material.~~
24. Review code from Additional problems/ Misc. = Work(cpAlgs): do water problem + Work(cp): add in code from leetcode into the document + Work: rotate array k times, find min in a rotated array + Work(cp): finish review of sorting + Work(cp): review problem in 11.8 + Work(cpmisc): patch array + Work(cp): organize code.
25. Work(cpsort): go through radix sort + Work(cp): implement 2D binary search + Work(cp): notes on prefix sum + Work(cp): implement 2D binary search.
26. Work(cp): Org code = Work(cp): get recursive code to run + Work(cp): get code to work with dynamic programming = Work(cpdp): do edit distance / transform words + Work(cpdp): go through document distance + Work(cpdp): look through phoneNums problem \pr{UandI}.
27. Work(cp): finish organization of code = Work(cporg): fix code org for peak valley + Work(cporg): fix code org for other binary search problems + Work(cporg): code organization for all previous problems \te{2 hours}.
28. Work(cporg): go through document code practice + Work(cporg): + Work(cporg): . \te{1 hour}
29. Work(cp): do dynamic programming problems = Work(cpdp): code up problems on parens + Work(cpdp): code up
30. Work(cpnv): go through bit manip problems.

Worklife:

1. Finish reading winfriends
2. Read 7 habits chapters up to goal setting
3. Read 7 habits chapters on prioritizing
4. Read 7 habits

Project:

Long-term goals: a. tune it based on context from the previous hlf without making it obvious . b. patterns

1. Logistics

2. Send Prof. Gropp message

3. Send Laura Grigori message

4. Ralph Johnson draft letter

5. Send message

Add: postdoc work

Add: integrate schloss-dagstuhl.

Add: note on experimentation , note on parallel patterns.

Academic job search :

Teaching

Cover letter

Get organzed

Reserve blocks of time for search

Conduct research and network

Implement job search strategy

Publications coming out of postdoc yet – have good results

Research statement

huge time investment

Tuesday, July 19

Starting dates: