TODO: get latex code version in word document

TODO: get C code version

Documents:

Summary: Place in big picture

Howto:

TODO: fill in monthly plans

Happiness:

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

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

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

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.

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.

Week of February 29th, 2016:

1. Work: review interview stuff

2. Mgmt:Spaces: clean up

3. Comm: message to Vin

Week of March 7th, 2016:

1. Work: message to Prof. Gropp + Work: applications

2. worklife: clean up

3. Comm: message to Vin. + Comm: update the matrimony

Week of March 14th, 2016:

1. Work: work on coding for GPU +
2. Work: behavioral questions + Work: practice talking to people
3. worklife: clean up
4. Travel

Week of March 21st, 2016:

1. Work: do code practice + Work: do writeup + Work: organize work stuff

2. Work:

3. Comm:

Week of March 28th 2016:

1. Work: practice problems and toastmasters
2. Worklife: practice integration

Weekend plans:

Weekend of March 4th: Go to Anu’s place.

Weekend of March 15th:

Looking ahead: Weekend of April 16-17th: taxes, mom’s bday, meet for race car in Joliet, CA . Sangita’s wedding.

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

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

**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. 4. Amanda problems: you did everything you could. ~~5. Ritika: they’re family, if you don’t make a fuss, it won’t be a fuss.~~

**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: / tm tips:

**News**: san berdarino iPhone, trump wins sc + cruz wins, nancy Reagan dies, fallon: trump on tues, Clinton thurs.

**Week Plan:** Work:rel: write cover letter for lbl, Work: rel: get info for lbl, Work: put up latex doc for paper, Comm: message to UPalkar, worklife: finish comm section.

**Weekend Plan:**

Howto:

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

1. Work: admin: resume update = Work:admin:(ru) : Work:admin(ru): shorten experiences from LLNL + Work: connect experiences together + ~~Work:admin(ru): formatting~~ + create objective statement.
2. Work(slidesReview): answer all questions and review presentation(.)
3. Work(GPUcode): get code done for OpenACC = Work(GPUcode): make function for GPU code + get code to compile on xpacc-clust GPU + Work(GPUcode): update git repo to have OpenMP and OpenACC in separate branches.

\textbf{Curr} ->

1. Work: logon to llnl machines.
2. Mgmt.:time: make plan for next two months.
3. worklife(po): planning and org (goal is to use single picture throughout) = worklife(po): update doc in sheet + worklife(po): make picture of wl-cheatsheet with all docs + work(po): put in picture in cheat sheet + worklife(po): make latex document transition + worklife(po): draw picture + Comm: planning for next 6 months + worklife(po): finish and integrate CS doc with wl = Work: integrate ECE into CS doc + Worklife: integrate comm into doc \pr{ImpAndUr} + worklife(po): make plan organizer for worklife + worklife(po):
4. worklife(cdfx): commdetailSheetsFix = Worklife(cdfx): integrate the win friends inf people + Worklife(cdfx): integrate with Toastmaster’s rules + worklife(cdfx): read social intelligence article + Worklife(cdfx): read tm for lesson 10 . + worklife(cdfx): read entertainment speech and joke in toastmasters + worklife(cdfx): figure out where emotional intelligence goes + worklife(cdfx): one chapter every day + worklife(cdfx): integrate worklife slides.
5. Work:rel: write cover letter for lbl
6. Work: rel: get info for MIT = Work:rel(mitapp): create an account + Work:rel(mitapp): add a resume + Work:rel(mitapp): create a latex based cover letter + Work:rel(mitapp):
7. Work: put up latex doc for paper
8. worklife: finish comm section
9. Comm: hbd to Mugdha Joshi.
10. worklife(po): update worklife \te{3 hours} = worklife: clean up by writing into latex file.
11. Comm: read chapter 3.4 of winfriends inf.
12. Work: make plan for Comm.
13. Mgmt:Spaces: transfer files to macbook pro and card
14. Comm: message to Pandharipande
15. Work: make plan for coding = Work: plan for paper = Work: organize code + Work: put together code paper + Work: go through problem for stencil + Work: organize code
16. Work: send message to Prof. Gropp \te{30 minutes}.
17. Work: message to Stephen.
18. Comm: update matrimony.
19. Comm: send message to Vinita.
20. Work(cp): code practice:
21. Comm(): social intelligence mapping.
22. Work: rel: send intel message \pr{U}.
23. Mgmt:Spaces: Get things = Mgmt:Spaces: get iPad.
24. Comm: happy birthday message.

1. Mgmt:Spaces: get cds \te{10 minutes}.
2. Work: comm: send message to Amanda \pr{low} + Work: comm: send message to Stephen. \pr{low}.
3. Mgmt:webpresence: take Xin Zhao off and remove anyone else that you don’t want from work.

Alg for Mgmt:Alg for Comm L0: L1: L2: L3: L4: L5: -> L0

Howto:

**Situations:**

1. Situation: talking about your research Post-: be on time, take glasses, check whether other people are coming.
2. Situation: consulting seminar: Pre-: Spend time figuring out how you will park, Post-:

**Monday**: Work: rel: get info for MIT, worklife: finish comm section, Comm: reply to Renata, Comm: hbd to Mugdha Joshi +comm: like to Rishi. | **Tuesday:** Work:rel: write cover letter for lbl, Work: put up latex doc for paper, | **Wednesday**: Work: send MIT in, Work: do cover letter, Mgmt:Spaces: transfer files to laptop, Mgmt:Spaces: car wash, Mgmt:Spaces:Haircut , Comm: message to Renata, Comm: hbd to Tara +Comm: hbd to Ty. Comm: talk to Vinita about next week + Comm: add on LinkedIn , Comm: message to Pandharipande | **Thursday:** doctors’ office.| **Friday:** Work: code Mgmt:sharedSpaces: pads, Comm: Comm:| **Saturday** :, | **Sunday:**

**Rel**: S. Van, Swetha, Preeti N., Avani, Mamta, Vinita, [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.,

**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.

**I felt you should have cited the paper**

**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.