Your Résumé Is Code

E. Dunham

2016-11-11

About Me

- DevOps Engineer at Mozilla Research
  - First "real job"
- Open source nerd
- Oregonian (currently PDX)

About You

- Student?
- Professional in your field of choice?
- Other?

This Talk

- Stand-alone slides
- talks.edunham.net/seagl2016/resume

Your résumé...

IS
- 1-2 pages
- 1st impression
- SEO tool

is **NOT**
- Everything you've done
- Personal details (USA)
- better than networking

A job hunt...

- Network
  - Where would you want to work?
  - Where would you not work again?
  - Why?

A job hunt...

- Share your goals and preferences
  - Phrase complaints positively
- Understand referral bonuses
- Solicit recruiters
  - Interview practice makes perfect!
- Have résumé ready

Your Résumé's Audiences

- You
- Robots
- HR
- Interviewers

Build a résumé like code

- Identify users' needs
- Interfaces to other systems
- Continuous delivery

Résumé users' needs

- You
  - "Where was I in 2010?"
  - "What are all the technologies I used there?"

Résumé users' needs

- Robots
  - "Does this document contain that buzzword?"

Résumé users' needs

- HR
  - "Is this person educated?"
  - "Do they have the skills the job req says?"
  - "How can I get in contact with them?"

Résumé users' needs

- Interviewer
    - "What has this person built?"
    - "What kind of questions should I ask them?"
    - "What technical interests or experiences do we have in common?"

Résumé's Interfaces

- Use buzzwords from job postings
- Reuse content in professional profiles
- Accept feedback

Contiuous Delivery

- Résumé is living snapshot of career
- Résumé is finished when career is
- Ship it!

Tools you use on code

- Backups!
- Version control
- Compile/render source into final product that's...
  - Aesthetically pleasing
  - Single file
  - Looks right across platforms
- Peer review

Version Control

- Backups + searchable history + easily switch between versions
  - Git, Hg, etc
  - GitHub, BitBucket, GitLab, whatever
- Version Control ♡ text files

Text File → PDF

- LibreOffice document?
  - Hard to version
- HTML page?
  - Hard to render nice PDF consistently
- Write your own typesetting tool
  - Good experience
  - Giant rabbit hole
  - Might never finish your résumé

Text File → PDF

- Use LaTeX
  - Useful skill
  - Programming
  - It has ALL THE FEATURES[1]

---

[1]which you find by Googling a lot

History lesson

- 1969, Donald Knuth writes TAOCP
- 1976, 2nd edition, phototypesetting
- 1978, Knuth publishes TeX
- 1985, Leslie Lamport, LaTeX
- currently LaTeX 2_ε

TEX & LATEX

- Turing-complete language
  - Expand macros then execute tokens
- LATEX== "TEX-based language"
  - http://www.tug.org/levels.html

Learning Most Languages

1. Write some code
2. Try to run it
3. Watch it crash
4. Google a lot
5. Make it ugly but working
6. Refine and refactor

LaTeX Gotchas

- Space separates tokens
- dollar sign enters/exits TeX math mode
- escaped parens for LaTeX math mode
- Commands start with backslash
- Match your curly braces!

Principles of Résumé

- Consistency
- Empathy for users' needs

Let's code!

Thanks!

- talks.edunham.net/seagl2016/resume
- github.com/edunham/resume
- edunham@edunham.net
- @qedunham
- edunham@mozilla.com