Chris Fetterolf

www.chrisfetterolf.com

chris.fetterolf@gmail.com
510.504.7511

Education

Middlebury College GPA 3.75
B.S. Computer Science, Mathematics

Expected Graduation: February 2019

Courses of Interest:

Data Structures, Algorithms *(Big-O, Java, DP)*
Theory of Computation *(Turing, NP-Completeness)*
Calculus III, Differential Eqs, Linear Algebra

Extracurricular Activities:

- Computer Science Tutor
  Intro to CS, Data Structures
- Competitive Programming Team
  Placed 2nd in ACM ICPC regional qualifier
- Middlebury C.S. Club
  Hackathons, game nights, tech talks
- Intramural Basketball
  Fall, winter, and spring
- Independent Projects
  Fours iOS App & website, personal website

Skills

Technical:

Java, Swift, JavaScript, HTML, Python, C++, C, PHP, SQL, jQuery, Node.js, Express, Angular.js, Bootstrap, REST, Apache Maven, Spring Framework, Firebase, MongoDB, MySQL, Linux Environment

Productivity:

- Microsoft Office Suite *(Word, Excel, PowerPoint)*

Graphic Design:

- Adobe Suite *(Photoshop, Premiere, AE, Illustrator)*

References

Available upon request.

To learn more about me, visit **chrisfetterolf.com**

Experience

Software Engineering Intern *Summer 2017*
Booz Allen Hamilton *Annapolis Junction, MD*

Developed a Chrome extension to detect **fake news** using machine learning. Used **MEAN stack** for web interface, **Java** server for data processing.

Accomplishments:

- Designed and developed entire front-end.
  HTML & CSS, JavaScript (AngularJS)
- Implemented advanced analytic metrics in Java
  Reached 95% predictive accuracy of fake articles
- Awarded 1st place in summer intern competition
  Total of 17 teams, 80+ interns competing

Founder *October 2016 - Present*
Fours iOS App *Middlebury, VT*

In my spare time at school I built a KenKen puzzle generating **iOS app**, then published it on the App Store. For more info, visit **www.getfoursapp.com**

Accomplishments:

- Built entire project independently
  From concept to published app
- Created landing website to further market app
  Taught myself web development from scratch
- Invented algorithm to generate puzzle boards
  Unique backtracking algorithm using Swift 3

Quantitative Analyst *Summer 2016*
ACG Research *San Francisco, CA*

Accomplishments:

- Helped found new analytic software branch
- Verified software accuracy with Excel models
- Built Excel database using relevant market data

Statistical Programming Intern *Summer 2015*
Medivation Inc. *San Francisco, CA*

Accomplishments:

- Built data standard libraries in Excel using VBA
- Automated tedious QC tasks with Excel macros
- Wrote database scraper in VBA