

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

Booz Allen Hamilton *Annapolis JCT, MD*

Software Engineering Intern Summer 2017

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

Fours iOS App *Middlebury, VT*

Founder October 2016 - Present

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

Accomplishments:

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

ACG Research *Lake Tahoe, CA*

Quantitative Analyst Summer 2016

Accomplishments:

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

Medivation Inc. *San Francisco, CA*

Statistical Programming Intern Summer 2015

Accomplishments:

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