

EDUCATION

UNIVERSITY OF ROCHESTER, *Rochester, NY*

AUG 2013 - MAY 2017

Bachelors of Science in Computer Science; Bachelors of Art in English

GPA 3.86; Dean's List 8/8 Semesters

WORK EXPERIENCE

SOFTWARE DEVELOPER, *Bloomberg LP*

JUN 2018 - CURRENT

- Developer on the Bloomberg Indices Data Distribution team.
- Helped design, optimize, and improve the API layer for custom index membership calculation.
- C++, Bloomberg comdb2, Javascript.

SOFTWARE DEVELOPER, *Bloomberg LP*

MAY 2017 - JUN 2018

- Designer and developer of DEVISE, a continuous integration/continuous deployment platform
- Designed to lower the barrier to entry for testing and deployment as well as standardize development practices across the company.
- Java, Vue, Node, Postgres.

SOFTWARE DEVELOPMENT INTERN, *FactSet Research Systems*

MAY 2016 - AUG 2016

- Designed, implemented and tested a cache management system for the Portfolio Analysis team.
- Angular, Node, and C++.

WORKSHOP SUPERLEADER (HEAD TA), *University of Rochester*

AUG 2015 - MAY 2016

- Oversaw the functions of all 18 workshop leaders for the first two classes of introductory CS sequence
- Planned and led test review, student testing, and test grading sessions

SOFTWARE DEVELOPER INTERN, *Excellus BlueCross BlueShield*

JUN 2015 - DEC 2015

- Led an independent project focusing on infrastructure updates
- Primary focus: build systems (Maven, Ant) and version control (Mercurial, Git, CVS)
- Educated staff about Maven and Mercurial in a series of presentations and workshops

WORKSHOP LEADER/TEACHING ASSISTANT, *University of Rochester*

AUG 2014 - MAY 2017

Led workshops and graded assignments, quizzes, and tests for 5 different classes, 7 positions total:
Introduction to Java, Introduction to Data Structures, Computational and Formal Systems,
Honors Research Seminar, and Artificial Intelligence

BARISTA, *Chrissy Beanz, Inc*

APR 2012 - MAY 2015

Sparked a lifelong addiction to caffeine, a passion for quality roasts, and knowledge of baking techniques

PROJECTS

N-QUEENS SOLVER, *Scheme*

2014

Developed a program that solves the n-queens problem using three different algorithmic approaches, including Hill-Climbing, Backtracking, and Minimum Remaining Value algorithmic approaches

PEBBLE DEVELOPMENT, *Pebble Smartwatch, C*

2015

Created free and open source Pebble smartwatch applications using the C programming language, from a rudimentary text file viewer to a timer/instruction manual for Aeropress and Clever coffee brewers

PAC-MANAGER, *AngularJS, Javascript, C++*

2016

Designed the full-stack of a web interface using Couchbase, C++, and Javascript for client portfolio analysis data

SKILLS & INTERESTS

Languages: Java (proficient), C++ (proficient), Python, Javascript, SQL, Bash, Scheme, C, Ada, OCaml, Perl

Tools: VIM, Linux, Maven, Git, Mercurial, Android, AngularJS, Vue, React, REST, \LaTeX

Activities/Interests: Hackathons, Teaching, Coffee, Sailing, Running, Recruitment, Interviewing