

# Brandon Willett

brandon @ willett.io

## Education

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### University of Rochester (Rochester, NY)

*August 2014 - May 2018*

- Candidate for B.A. in Mathematics, specializing in abstract algebra
- Candidate for B.S. in Computer Science, specializing in algorithm & complexity theory
- Current GPA: 3.75 / 4.0

## Experience

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### Computational Statistics Research Assistant

*September 2016 - Present*

- University of Rochester Chemical Engineering Department
- Created and improves an algorithm that performs a MCMC (Markov Chain Monte Carlo) statistic analysis on random variables over time, and a friendly interface for visualizing its results
- Front-end using jQuery/Bootstrap, and back-end (simulated annealing method) using Python with Flask

### Workshop Leader

*January 2016 - Present*

- University of Rochester - Computer Science 171 (Intro) & 172 (Data Structures & Algorithms)
- Leads weekly workshops, grades all tests, teaches core concepts and algorithms, and serves as a liaison between the professor and the ~200 students

### Supervisor

*September 2014 - Present*

- University of Rochester Event & Classroom Management
- Helps to train and manage the large student staff since August 2016, in addition to:
- (Since Sept 2014) Troubleshooting Windows and OS X computers, providing software and hardware support, and delivering/maintaining AV equipment and systems for all students & faculty at the University

### Senior Technician

*Summers of 2011 - 2015*

- Monroe Public Schools Department of Technology
- Trusted to set up new computers/printers and service existing ones, as well as troubleshoot networking issues and provide in-person support to teachers and staff
- Position in 2015 and 2016 also required training and giving guidance to newly-hired employees

## Skills

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### Programming

- Languages: Proficient with Python, Java, C; and experience with C++, Scala, Swift
- Web: Proficient with HTML, CSS, JavaScript, JQuery; and experience with SQL and MVC frameworks
- Other: Proficient with Git source control, BASH terminal use, and  $\LaTeX$

### Communication - Excellent interpersonal skills including the following:

- Experienced with assisting people (customer service / help desk situations) in a friendly way
- Able to speak conversational French at a proficient level
- Experienced with training and working with large groups of coworkers in high-stress environments