Benjamin W. Brittain

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Education

Rochester Institute of Technology
B.S. in Computer Science 2011 - (Expected) 2016
- Minor in Chinese Language & Culture
- Studied Abroad in Shanghai, China; Fall 2013
- GPA 3.2/4.0

Experience

Ginkgo Bioworks Boston, MA
Software Engineering Intern September 2014 – May 2015
- Reverse engineered robotics platforms
- Worked on a large Ruby/Rails codebase
- Bioinformatics analysis

Mozilla Corporation Mountain View, CA
Platform Engineering Intern, 2nd Year May 2014 – August 2014
- Data analysis of real-world multi-terabyte datasets
- Implemented a large portion of the new HTML5 WebPush standard

Mozilla Corporation Mountain View, CA
Platform Engineering Intern May 2013 – August 2013
- Worked on the Firefox implementation of WebRTC
- ARM assembly optimizations for Opus audio codec
- Helped with the reference implementation of Daala, a next generation video codec

Rochester Institute of Technology Rochester, NY
Student Systems Administrator September 2011 – Present
- Troubleshooting and system maintenance
- Supported faculty and researchers in the college
- Setup and managed a ticketing system

National Cancer Institute - NIH Frederick, MD
Bioinformatics Research Intern May 2010 – August 2011
- Developed an in-house software system for SNP/HapMap data analysis
- Wrote a large number of scripts to reformat data
- Reconfigured databases of genetic samples

Skills

Programming Languages	C, C++, Javascript, Python, Ruby, Java, Clojure, Rust, Perl, Haskell, ARM
Technologies	Linux, LaTeX, Autotools, Mercurial, Git, Vim, HTML5, CSS3
Other	Basic Mandarin Chinese