Curtis W. Fenner

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Education

University of Michigan College of Engineering
Ann Arbor, Michigan. 2014 – 2018

» Pursuing Computer Science B.S.E.
» 4.0 GPA — Dean's List Fall 2014, Winter 2015, Fall 2015, Winter 2016

Stoney Creek High School
Rochester Hills, Michigan. 2011 – 2014

» 3.959 GPA — Scholar of Highest Distinction
» Awarded Computer Science Department Award

Experience

Qumulo — Software Engineering Intern
Seattle, Washington. 2016

» Wrote C code on performance team for a distributed file system

  » Developed sharding of deleted file space reclamation to double reclaimation rate
  » Eliminated lock contention in a multithreaded cache to reduce operation latency
  » Implemented allocation changes to significantly improve metadata operation latency

Square — Software Engineering Intern
San Francisco, California. 2015

» Optimized and refactored external API Node.JS server to halve latency
» Wrote backend code in Go for Square's public API's version two

Programmer for U. of M. Math Department
Ann Arbor, Michigan. 2016

» Designed and implemented automatic proof verification interface in JavaScript and Perl
» http://curtisfenner.com/prove

Additional Information & Skills

Computer Programming

Programmed for 10 years on many various personal projects and two software engineering internships

» Go	» Lua	» HTML
» C	» Java	» JavaScript
» C++	» CSS	» Python

Selected Coursework

» Intro. Operating Systems (current)
» Introduction to Computer Security (Winter 2016)
» Data Structures & Algorithms (Fall 2015)
» Intro. to Math. Analysis (Fall 2015)
» Discrete Mathematics (Fall 2014)