

# Curtis W. Fenner

Resume: [curtisfenner.com/resume](http://curtisfenner.com/resume)

GitHub: [github.com/CurtisFenner](https://github.com/CurtisFenner)

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## Education

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### 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

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

## Experience

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### Qumulo — Software Engineer Intern

Seattle, Washington. 2016

- » Wrote C code on distributed filesystem performance team
  - » Developed sharding of deleted file space reclamation to double reclamation rate
  - » Eliminated lock contention in a multithreaded cache to reduce file operation latency
  - » Implemented allocation changes to allow significantly faster metadata operations

### Square — Software Engineer 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 engine and interface in JavaScript and Perl
- » <http://curtisfenner.com/prove>

## Additional Information & Skills

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### Computer Programming

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

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|-------|--------|--------------|
| » 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)