

# EVAN GOODE

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<https://github.com/evan-goode>

## SELECTED SKILLS & INTERESTS

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- Full-stack web development with HTML, CSS, JS, TypeScript, React, Node.js, Go
- Linux systems programming with Rust, Zig, C
- Other software development in Python, Go, Node.js
- GNU/Linux systems administration, Nix/NixOS
- Virtualization and containerization technologies such as libvirt/KVM/QEMU, Docker
- High-level systems design and problem solving
- Working with geographically-distributed teams
- Free/Libre open-source software development, Git
- Documentation, technical writing, writing highly-maintanable code
- Cryptography, secure systems, reverse engineering

## EDUCATION

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### M.S. Computer Science

Expected Fall 2022

*Georgia Institute of Technology*

Specialization in Computing Systems. GPA: 4.00

Selected coursework: Advanced Topics in Malware Analysis, High Performance Parallel Computing, Applied Cryptography, Programming Languages

### B.S. Computer Science

Fall 2017 – Spring 2021

*Georgia Institute of Technology*

Concentrations in Intelligence and Media. Major GPA: 4.00, Cumulative GPA: 3.96

Selected coursework: Automata & Complexity, Machine Learning, Computer Vision

## PROFESSIONAL EXPERIENCE

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### Georgia Institute of Technology College of Computing

Fall 2019 – Fall 2022

*Teaching Assistant, CS 3451: Introduction to Computer Graphics.*

Held help sessions/office hours twice a week, debugged and graded programming homework. Course was taught using TypeScript, WebGL, and Processing. Worked with Greg Turk, Blair MacIntyre, and Jarek Rossignac.

### Decatur Makers

Summer 2021

*Digital Infrastructure Intern*

Developed an RFID authentication system to allow members access to the makerspace. Automated time-consuming steps in the process for signing up new members, such as performing background checks.

### Red Hat, Inc.

Summer 2019

*Software Engineering Internship*

Added a new feature to Composer (a.k.a. Red Hat Image Builder) to enable automated uploads of RHEL images to cloud providers including AWS, Microsoft Azure, and Google Cloud.

### Axio Global

Summer 2018

*Development Intern*

Launched a web platform to facilitate communication between clients and in-house analysts, created tools for visualizing insurance policy coverage, gathered experience building web applications in a fast-paced startup environment.

### Georgia Institute of Technology School of Mathematics

Summer 2016, Summer 2017

*Student Assistant*

Developed in-house infrastructure for managing RHEL and macOS systems, monitoring building power usage and coolant flow, and syncing user permissions across services.