

Employment

Web Experience Engineer, Akamai Technologies May 2019 – Present
Identity Cloud

- Employs background of Web Apps and System Design to assist with customer issues.
- Wielding Javascript & Ruby tools to help debug highly customized implementations.
- Utilizes APIs & AWS to help provide consistent, working solutions.
- Providing feedback & documentation for new team members and customers.

Web Experience Engineer, Akamai Technologies January 2018 – December 2018
Co-Op

- Two separate co-ops focused on developing technical and soft skills.
- Gained technical depth on Internet structure and the role of a CDN.
- Participated in rigorous whiteboard teaching sessions on key Akamai features & Internet Protocols.
- Wrote a python script to help track delivery of content on Akamai enabled sites.

Combat Systems Technology, Naval Undersea Warfare Center June 2017 – August 2017
Pathways Intern

- Developed testing suite to help streamline server & software integration.
- Self-taught skills needed for virtual machines, servers, & exchange networking.
- Test suite project earned clearance for use on deployed submarine fleet.

Education

Cambridge, MA Harvard University June 2019 – Present

- M.L.A. in Extension Studies, Software Engineering. GPA: 3.8
- Coursework: Systems Programming and Machine Org.; Intro to Theoretical Computer Sci.; Discrete Math; Web Apps w/ Python & JS; Cloud Computing; Deep Learning for NLP; Intro to Bayesian Inference

Boston, MA Wentworth Institute of Technology September 2015 – April 2019

- B.S. in Computer Science, April 2019. GPA: 3.5
- Coursework: Operating Systems; Databases; Data Structures; Algorithms; Programming Languages; Parallel Computing; Data Science; Software Engineering; Linear Algebra & Matrix Theory

Technical Experience

Projects

- **eBay Price Predictor:** Website built with Django backend and eBay's API, utilizes parallel requests to speed up delivery of historical price data & was deployed on AWS. Python; HTML; CSS.
- **Shell:** Developed a command line shell with support for variable substitution, piping, redirects, conditionals, and background commands. C++.
- **WeensyOS:** Implemented process memory isolation, virtual memory, and some system calls into a basic operating system. C++.
- **Conference Coordinator:** Worked in a team of 13 to put together a web-app based on monitoring attendance & engagement at a coding conference. Go; HTML; Typescript; Docker.

Languages and Technologies

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- C++; Python; Java; C; R; HTML; Swift; SQL; JavaScript; MATLAB; F#; Golang
 - AWS; Git; Jupyter Notebook; Docker; Xcode

Additional Experience and Awards

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- **Eagle Scout (2013):** Achieved the rank of Eagle with my troop in RI.
 - **Resident Assistant (2016 – 2019):** Created fun and safe environments for students to learn, connect, & thrive.