Cambridge MA
github.com/adam7397

Adam S. Bradfield

linkedin.com/in/adambrad
adamsbradfield@gmail.com

Employment

Software Development Engineer, Android — **Audible, Inc.** — **March 2021 – Present**

- Rewrote Collections feature using Kotlin Coroutines
- Lead an Epic based on customer privacy with third party metrics
- Coordinates new app version releases, working with PMs, QA, and Devs

Web Experience Engineer, Identity Cloud — **Akamai Technologies** — **May 2019 – March 2021**

- Wielded Javascript & Ruby tools to help debug highly customized implementations.
- Utilized APIs & AWS to help provide consistent, working solutions.

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

- Two separate co-ops focused on developing depth on Internet structure and the role of a CDN.
- Developed a python script to help track delivery of content on Akamai enabled sites.

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

- Developed testing suite to help streamline server & software integration.
- Project earned clearance for use on deployed submarine fleet.

Education

Cambridge, MA — **Harvard University** — **June 2019 – Present**

- A.L.M in Extension Studies, Software Engineering. GPA: 3.7
- Coursework: Data Structures & Algorithm, Systems Programming & Machine Org.; Theoretical Comp. Sci.; Discrete Math; Web Apps w/ Python & JS; Cloud Computing; Deep Learning for NLP; 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 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

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

Additional Experience and Awards

- **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.