

Matthew Bentley

<https://bentley.link> | matthew.t.bentley@gmail.com | +1 206 660 0750

EDUCATION

CASE WESTERN RESERVE UNIVERSITY

BA IN COMPUTER SCIENCE

MINORS IN MATH AND ENGLISH

Expected Dec 2018 | Cleveland, OH

Cum. GPA: 3.4 / 4.0

SEATTLE PREP

Grad. May 2014 | Seattle, WA

COMPLETED

Intro to AI

Applied Graph Theory

Software Engineering

Networks

Operating Systems

Databases

Algorithms

Calculus 1-4

Linear Algebra

LINKS

Github:// [matthewbentley](#)

LinkedIn:// [mtbentley](#)

Keybase:// [bentley](#)

SKILLS

PROGRAMMING

Experienced:

Python • Bash

Some Experience:

Java • Rust • C • Scheme • SQL • Ruby

• Puppet • Go

Familiar:

HTML • Javascript • PHP

TECHNOLOGIES

Git • Linux • Puppet • AWS • Gitlab

• Django • Flask • Linux Command Line

• Unit Testing • Integration testing

EXPERIENCE

YELP | INTERN, OPERATIONS TEAM

June 2017 – November 2017 | London, UK

- First engineering intern in the Yelp London office
- Coordinated across several teams to build validation and performance testing for edge infrastructure
- Improved logging for externally facing load balancers, for use in monitoring and abuse detection
- ...as well as the day-to-day operations as listed below

YELP | INTERN, OPERATIONS TEAM

May 2016 – August 2016 | San Francisco, CA, USA

- Researched and deployed Vault to modernize secret management at Yelp
- Participated, as a full time employee would, in day to day operations triage, maintenance, and development
- Debugged hardware problems, helped diagnose live downtime, contributed to Yelp open source projects, and worked independently on projects

INTWINE CONNECT | EMBEDDED C INTERN

March 2015 – January 2016 | Cleveland, OH, USA

- Debugged and expended upon embedded C codebase and ARM Linux drivers

PROJECTS

DUPLICITY B2 BACKEND

November 2015 – Present

- Implemented a backend for the Duplicity backup software to Backblaze's B2 cloud storage, which is now one of B2s most used integrations

CWRU ACM HOSTING

August 2015 – Present

- Service that runs on the student run ACM server that hosts websites for various student groups, made with Docker, Docker Compose, and Systemd

OX DASHBOARD

Winter 2017

- Implement fixes and improvements to track house chores and fines for my fraternity

MORE PROJECTS: bentley.link/projects

LEADERSHIP AND VOLUNTEERING

CWRU UNDERGRADUATE STUDENT GOVERNMENT

Vice President of IT | January 2016 – May 2017

- The VP of IT leads the USG IT committee, which deals with Technology issues that affect students on campus, and sits on the USG Executive committee

CWRU HACKER SOCIETY

Server Admin | May 2015 – Present

- Run and maintain the official Case Western Reserve University ACM and Hacker Society server
- Continue to build platform for student clubs to host sites (see ACM Hosting)