

Ben Stobaugh



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Legoben



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bens.li

EDUCATION

The University of Texas at Austin, Austin, TX

2016 – May 2020

- Bachelor of Science, Computer Science - 3.6 GPA
- Relevant classes: Data Structures, Big Data in Biology, Computer Architecture, Operating Systems, Linear Algebra

TECHNICAL SKILLS

Languages: **Expert:** Python, JavaScript, HTML/CSS; **Proficient:** Java, PHP; **Familiar:** R, C, C++

Frameworks: AWS, Docker, Flask, Express, GraphQL, MongoDB, MySQL, Node, React, Tornado, TypeScript, Vue.js

Interests: APIs, Education, Full-Stack Web, Mobile Apps, Security, Websockets

EXPERIENCE

Convoy - Software Engineering Intern

Summer 2019

- Created dashboard for trailer information, centralizing information previously scattered in 6+ places into one place
- Built tools/workflow for ops to publicize/track/manage trailer damage resolution process, previously done in Slack
- Iterated rapidly to ensure that damages were being reported and resolved before the end of my internship
- Communicated consistently with other engineers, data scientists, and ops to ensure my tool fit their needs
- Learned to write **TypeScript**, **GraphQL**, and **Express** to production standards across several services

Quantcast - Software Engineering Intern

Summer 2018

- Improved reliability by breaking out a section of the monolith server into its own service (**React/Redux/Java Spark**)
- Communicated with internal customers about which parts of service were useful and/or could be improved
- Reduced load time of service by 1.5x due to it now using newer APIs instead of monolith-internal APIs

Qualcomm - DevOps Engineering Intern

Summer 2017

- Developed full-stack webapps (**Flask/Vue**) for engineers/managers within company to make their jobs more efficient
- Guided team of 12 in sprint planning and execution of an **agile** methodology using **JIRA** and my custom-built tool

Atlas Learning - Software Engineering Intern

Summer 2016

- Developed an analytic tracking server with **Google BigQuery** and **Node/Angular** to integrate with existing application

SELECT PERSONAL PROJECTS (more info at bens.li)

- **Pipette:** A drag and drop programming editor to create the backend of a website – Supports authentication, cookies, URL variables, redirects, and more (2018)
- **Peered:** Provides on-demand peer reviews. Users can submit their essays to be reviewed as well as review other people's essays through the site. Essays are pulled from user's Google Docs - peered.co (2015-16)
- **StudyUp:** A competitive studying game where users can play against their friends in a QuizUp style trivia match. All the questions are from their Quizlet flashcards. Used extensively by teachers at my high school - studyup.me (2014)
- **Beanstalk:** A lightning-fast social media aggregator capable of combining hundreds of accounts from Twitter, Tumblr, and Instagram into one feed (2015)

LEADERSHIP

- **Engineering Director for Texas Convergent** – txconvergent.org
 - Head of all engineering for student organization that aims to bridge the CS and business schools at UT Austin and encourage/facilitate entrepreneurship on campus through student-run incubator and build team programs
 - Head a team of 5 to build software for the organization, including our public facing website, wiki, and in-house portal
 - Lead one of our semester-long build teams – I mentor ~20 students on product development and application programming
 - Created signup/information website, judging platform, and managed day-of logistics for our "datahack" hackathon.
- **Tutoring for "Intro to CS in Java", "Intro to Web Development", and "Principals of Computer Systems"**

SELECT HACKATHONS (* indicates award won)

- **HackTX** in Austin, TX (Fall 2016, Fall 2017*)
 - Won third place for MyCanvas, a rapid prototyping tool that saves edits from a console's DevTools for the world to see
- **Quantcast Intern Hackathon** in San Francisco, CA (Summer 2018*)
- **Qualcomm Hack Mobile Intern Hackathon** in San Diego, CA (Summer 2017*)
 - Advanced to final round (top 3) with android web browser that uses SMS rather than mobile data or Wi-Fi
- **Capital One Software Engineering Summit** in Arlington, VA (Summer 2017*)
 - Won first place with Onu, a chatbot for GroupMe that enabled friends to buy and sell stocks together as a collective
- **Codeday** in Austin, TX (Spring 2014*, Fall 2014*, Winter 2015*, Spring 2015, Winter 2016*, Spring 2016*)