



Ben Stobaugh

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 Legoben

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 bens.li

EDUCATION

The University of Texas at Austin, Austin, TX

2016 - 2020

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

EXPERIENCE

Quantcast - *Software Engineering Intern*

Summer 2018

- Worked as a full stack dev to turn a section of the monolith server into its own service using modern frameworks.
- Communicated with internal customers about which parts of service were useful or could be improved
- Integrated service into existing infrastructure; created new AWS instances using Terraform
- Improved load speed of service by 1.5x; service now uses updated APIs instead of monolith-internal APIs
- Architected modular design of application for rapid creation of new pages; created Jenkins jobs for easy deployment

Qualcomm - *DevOps Engineering Intern*

Summer 2017

- Developed full-stack webapps for engineers and managers within company to make their jobs more efficient
- Ensured production readiness and deployed applications on company intranet for convenient employee access
- Guided team with 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

Betaworks - *Freelance Python Application Developer*

Fall 2014

- Built an application to communicate between Yo and SONOS to trigger playlists when user Yo's an account
- Demonstrated at a SONOS Studio event in New York City as an example of innovation with SONOS (bens.li/sonos)

SELECT PERSONAL PROJECTS

- **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 at student organization aiming to bridge the CS and business schools at UT Austin and encourage/facilitate entrepreneurship on campus through student-run incubator and build team programs
 - Lead 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 and managed day-of logistics for our "datahack" hackathon.
- **Tutoring for "Intro to CS in Java", "Intro to Web Development", "Principals of Computer Systems"**

TECHNICAL SKILLS

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

Frameworks: AWS, Chrome Extensions, Cordova, Docker, Flask, MongoDB, MySQL, Node, React, Tornado, Vue.js

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

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**)