

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 UT GPA (3.6 CS GPA)
- Relevant classes: Data Structures, Big Data in Biology, Computer Architecture (current), Statistics (current)

TECHNICAL SKILLS

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

Frameworks: AWS, Bootstrap, Cordova, Docker, Flask, Git, MongoDB, MySQL, Node, React, Tornado, Vue.js

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

EXPERIENCE

Qualcomm - DevOps Engineering Intern

Summer 2017

- Developed full-stack webapps for engineers and managers within company to make their jobs more efficient
- Iterated through and rapidly prototyped ideas, implementations, and solutions for customers
- Ensured production readiness and deployed applications on company intranet for convenient employee access
- Created an intuitive way for engineers to configure their VMs using webapp, saving them time and hassle
- Guided team with sprint planning and execution of an agile methodology using JIRA and my custom tool (built on top of JIRA's REST API and used to determine who is over/underloaded and aggregate not easily accessible data)

Atlas Learning - Software Engineering Intern

Summer 2016

- Developed an analytic tracking server with Google BigQuery and NodeJS to integrate with existing application
- Created an Angular service allowing for other developers to easily interact with the server and track current services

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)

PERSONAL PROJECTS

- **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)
- **PollBattle:** An online polling service where users have infinite votes. The total amount of votes for each category is displayed in real time to other users as it changes - bens.li/pb (2016)
- **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 student organization** - txconvergent.org
 - Head of all engineering at organization aiming to bridge the CS and business schools at UT Austin and encourage/facilitate entrepreneurship on campus through a student-run incubator program
 - Lead a team of 6 to build software for the organization, including our public facing website and in-house portal
- **Tutoring for "Intro to CS in Java" and "Intro to Web Development"**

HACKATHONS (* indicates award won)

- **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
- **PennApps** in Philadelphia, PA (Winter 2016)
- **SoHacks** in San Antonio, TX (Summer 2014*, Summer 2015*)
 - Led team of less experienced programmers and created Veni, an all-in-one study app designed to promote focus and productivity. Won "Best Educational Hack" - bens.li/veni
- **Codeday** in Austin, TX (Spring 2014*, Fall 2014*, Winter 2015*, Spring 2015, Winter 2016*, Spring 2016*)