

ASHLEY YANG

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EDUCATION

Cornell University, Ithaca, NY

Dec 2019

B.S. in Computer Science; GPA 3.99

Minor: Mathematics

Relevant coursework: Objected Oriented Programming and Data Structures, Data Structures and Functional Programming, Introduction to Analysis of Algorithms, Numerical Analysis: Linear and Nonlinear Problems, Introduction to Theory of Computing, Digital Logic and Computer Organization, Embedded Systems, Discrete Structures

WORK EXPERIENCE

Facebook, LLC

Jan 2020 - present

Software Engineer

- Full stack and backend work to develop features, frameworks, and tooling for the storage service used to serve messaging products (Java, Hack)

Facebook, LLC

June 2019 - August 2019

Software Engineering Intern

- Worked on the Advanced Network Planning team to help build tools to bring more people onto the internet
- Increased logging of partner usage and developed a dashboard using this data to allow the team to better track how users are using the product (Python)
- Enhanced an existing CRM tool to add the ability to add new users to the application using a user-friendly form

Google, LLC

Jan 2019 - April 2019

Software Engineering Intern

- Worked on a full-stack redesign of an internal tool that sets up the infrastructure behind connecting hosts and their interns and internship information (Python, HTML, CSS, AngularJS)

HubSpot, inc.

Jun 2018 – Aug 2018

Software Engineering Intern

- Worked on back-end development of the email infrastructure for HubSpot's Customer Relationship Management (CRM) software (Java)
- Designed scripts to log customer emails into an internal tool used by sales representatives to more easily debug issues (Java)

Get Kelvin, Inc.

Jun 2017 – Aug 2017

Software Engineering Intern

- Worked on full-stack development of a Flask web application that allows users to discuss and rate websites
 - Implemented features including: display user follower and following pages, delete recent activity, allow user integration with Twitter and Google accounts (Python, ReactJS, JavaScript, HTML, CSS)
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PROJECT EXPERIENCE

Cornell Cup Robotics Project Team, CS Modular Robot Team, Team Lead

Fall 2016 - Present

- Contributed to the design of an educational robotics platform that will serve as an introduction to programming for students
 - Wrote a script to allow interaction between a wireless Xbox controller and a Raspberry Pi running on a robot so that users may control the robot remotely (Python)
 - Developed an algorithm to allow autonomous robot movement through a racetrack by considering boundaries closest to its current position in order to determine the correct direction of movement (Java)
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PROGRAMMING LANGUAGES

Java, Python, OCaml, ReactJS, AngularJS, JavaScript, HTML, CSS