

Abhinav Kasamsetty

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EDUCATION

The University of Texas at Austin

Bachelor of Science in Computer Science

Concentration in Machine Learning and Artificial Intelligence, Certificate in Japanese

Aug 2017 - May 2020

GPA: 3.90

EXPERIENCE

Amazon

Software Development Engineer Intern | Amazon Demand Side Platform

Jun 2019 - Aug 2019

New York, NY

- Designed a scheduling system to manage the number of tests running concurrently across the team's test suites.
- Developed the system using Java and DynamoDB to handle test runs in queues based on the accessed service.
- Wrote UI integration tests for the Amazon DSP Console using Selenium in Java.

Amazon

Software Development Engineer Intern | AWS Database Migration Service

Jun 2018 - Aug 2018

East Palo Alto, CA

- Created an end to end notifications system to notify customers of operational and general information, improving time it takes to make announcements to customers from days to minutes (over 57,000% faster).
- Added ability to create/update notifications using a Ruby on Rails front end and a Spring and Oracle DB back end.
- Developed an interface on the AWS DMS Console for users to read their notifications using React and Typescript.
- Gained familiarity in using various AWS services, including S3, EC2, and Lambda.

Vyadvik Inc.

Intern

Jun 2016 - Jul 2016

Allen, TX

- Developed a chatbot in JavaScript for a client to show their customers their various household professional services and improve customer support.
- Used Wit.ai to train an NLP classifier for the chatbot and Twilio to deploy it.

PROJECTS

PickYourProf <https://pick-your-prof.herokuapp.com/>

Oct 2017 - Present

- Cross platform web and mobile application that uses Rate My Professors and the UT Austin grade database to rank professors. Originally created at HackTX 2017 as part of a team.
- Scraped Rate My Professors, implemented the algorithm in Node.js and Dart, and wrote the backend Express server.
- Technologies Used:** Node.js, Express, Cheerio, HTML/JS/CSS (Bootstrap), SQLite, Flutter, Dart

flybuy <https://github.com/Oceanwall/flybuy>

Jan 2019

- Electron application that enhances the American Airlines in-flight experience.
- Won 3rd place in Best Airline Industry Hack at TAMUHack 2019.
- Allows for fliers to order food, get live updates of the flight floor plan, and provide customer feedback.
- Technologies Used:** Node.js, Electron, American Airlines Mock API, HTML/JS/CSS (Materialize)

LiveCoin API <https://www.npmjs.com/package/livecoin-api>

Jan 2018 - Jul 2018

- RESTful API wrapper for the LiveCoin cryptocurrency exchange with over 2,500 downloads.
- Supports all features of the LiveCoin API, including fetching customer data and buying and selling cryptocurrencies.
- Technologies Used:** Node.js, LiveCoin API

SKILLS

- **Proficient:** Java, JavaScript, TypeScript, Node.js, Python.
- **Intermediate:** C++, Kotlin, SQL, Dart, Flutter, Jest, Ruby on Rails, JUnit, TestNG.
- **Basic:** HTML, CSS, L^AT_EX, Go, React, Express, Flask, Chai, Mocha, Spring, Guice.

AWARDS

- TAMUHack Best Airline Industry Hack - 3rd Place, Thomson Reuters Scholarship, College Scholar