Abhinav Kasamsetty

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EDUCATION

The University of Texas at Austin — Aug 2017 - May 2020
Bachelor of Science in Computer Science — GPA: 3.91
Relevant Coursework: Data Structures, Algorithms, Discrete Mathematics, Computer Architecture, Operating Systems, Object Oriented Programming, Programming Languages, Practical Applications of NLP, Probability and Statistics, Linear Algebra

EXPERIENCE

Amazon — Jun 2018 - Aug 2018
Software Engineering Intern | AWS Database Migration Service — East Palo Alto, CA
- Designed and developed an end to end notifications system to notify customers of operational and general information. Improved time it takes to send notifications 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. — Jun 2016 - Jul 2016
Intern — Allen, TX
- Developed a chatbot in JavaScript for a client to show their customers their various household professional services and improve customer support.
- Integrated the bot with Wit.ai and deployed it using Twilio.

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 for 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 public and private customer data and buying and selling cryptocurrencies programatically.
- **Technologies Used:** Node.js, LiveCoin API

SKILLS

- **Proficient**: Java, JavaScript, Node.js, Python, Ruby on Rails, JUnit.
- **Intermediate**: C, Kotlin, SQL, TypeScript, Haskell, Dart, Flutter, Spring, Jest.
- **Basic**: HTML, CSS, LaTeX, Go, React, Express, Flask, Materialize, Chai, Mocha.

AWARDS

- TAMUHack Best Airline Industry Hack - 3rd place — 2019
- President's Horizon Scholarship, University Honors — 2018
- Thomson Reuters Scholarship, National Merit Finalist — 2017