

# Abhinav Kasamsetty

abhinavkasamsetty@gmail.com

805-304-6352

abhinavk99.github.io

github.com/abhinavk99

linkedin.com/in/abhinavkasamsetty

## EDUCATION

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### 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, Probability and Statistics, Linear Algebra

## EXPERIENCE

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### Amazon

Jun 2018 - Aug 2018

Software Engineering Intern | AWS Database Migration Service

East Palo Alto, CA

- o 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).
- o Added ability to create/update notifications using a Ruby on Rails front end and a Spring and Oracle DB back end.
- o Developed an interface on the AWS DMS Console for users to read their notifications using React and Typescript.
- o Gained familiarity in using various AWS services, including S3, EC2, and Lambda.

### Vyadvik Inc.

Jun 2016 - Jul 2016

Intern

Allen, TX

- o Developed a chatbot in JavaScript for a client to show their customers their various household professional services and improve customer support.
- o Integrated the bot with Wit.ai and deployed it using Twilio.

## PROJECTS

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

Oct 2017 - Present

- o 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.
- o Scraped Rate My Professors, implemented the algorithm in Node.js and Dart, and wrote the backend Express server.
- o **Technologies Used:** Node.js, Express, Cheerio, HTML/JS/CSS (Bootstrap), SQLite, Flutter, Dart

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

Jan 2019

- o Electron app that enhances the American Airlines in-flight experience. Built at TAMUHack 2019.
- o Allows for fliers to order food, get live updates of the flight floor plan, and provide customer feedback.
- o **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

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

### Y86 Syntax Highlighter <https://marketplace.visualstudio.com/publishers/abhinavk99>

May 2018

- o Y86 programming language syntax highlighter for Visual Studio Code.

## SKILLS

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- **Proficient:** Java, JavaScript, Node.js, Python, Ruby on Rails.
- **Intermediate:** C, Kotlin, SQL, TypeScript, Haskell, Dart, Flutter, Spring, Jest, JUnit.
- **Basic:** HTML, CSS, L<sup>A</sup>T<sub>E</sub>X, Go, React, Express, Flask, Cheerio, Bootstrap, Chai, Mocha.

## AWARDS

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- University Honors, Thomson Reuters Scholarship, President's Horizon Scholarship, National Merit Finalist

## INTERESTS

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- Basketball, Rubik's cubing, Cryptocurrency trading, Fantasy football, Fortnite