

# Abhinav Kasamsetty

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## 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

- 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

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### 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

### Dream Cooker <https://github.com/dfan/alexa-hackathon-2018>

Jul 2018

- Alexa skill that sends a list of ingredients for what users want to cook. Supports email, SMS, and Alexa todo list.
- Implemented generating the recipe and list of ingredients and worked on the Lambda function.
- Technologies Used:** Node.js, Alexa SDK, AWS Lambda, AWS SNS, Cheerio, Allrecipes API, Sendgrid API

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

Jan 2018 - Jul 2018

- RESTful API wrapper for the LiveCoin cryptocurrency exchange for Node.js.
- Supports all features of the LiveCoin API, including fetching public and private customer data and buying and selling cryptocurrencies programmatically.
- Technologies Used:** Node.js, LiveCoin API

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

May 2018

- 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.
- Basic:** HTML, CSS, L<sup>A</sup>T<sub>E</sub>X, Go, React, Express, Flask.

## AWARDS

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