

# Aansh Shah

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## EDUCATION

### BROWN UNIVERSITY

Sc.B IN APPLIED-MATHEMATICS AND  
COMPUTER SCIENCE

Expected May 2019 | Providence, RI  
Cum. GPA: 4.0/4.0

#### SELECTED COURSEWORK

Data Structures and Algorithms  
Software Engineering  
Statistical Inference  
Discrete Structures/Probabilities  
Computer Systems

### ROSLYN HIGH SCHOOL

Graduated June 2015 | Roslyn, NY

#### AWARDS

1st place INTEL International Science  
and Engineering Fair (APA Award)  
Finalist at NYS Science Congress

## LINKS

Github:// [aanshshah](#)

LinkedIn:// [aansh-shah-bb2477121](#)

## SKILLS

### PROGRAMMING

Proficient

Java • JavaScript • Matlab  
• Python • CSS •  $\text{\LaTeX}$

Familiar:

Assembly • C • MySQL

Frameworks

Django • Nodejs • Bootstrap

• Git • WordPress

Services

Amazon S3 • Amazon EC2 • Amazon  
Lambda • Google App Scripts

## DEVELOPER EXPERIENCE

### CROWDFOUND | SOFTWARE DEVELOPER

Expected June 2016 – Sep 2016 | New York, CA

- Developed a video-based networking platform used by more 500 users with Django and Javascript.
- Created software to generate thumbnails upon video upload and produced 10,000 thumbnails over the course of the summer.
- I designed and built an instant messaging platform that was used by over 200 active users who generated more than 7,000 messages.
- Used Amazon S3 API for media storage and hosted the web application on Amazon EC2 instances.

### RESEARCH | UNIVERSAL PROGRAMMING OF DEVICES RESEARCH GROUP

January 2016 – Present | Brown University

- Helped design user interface for IFTTT that was used to aggregate user preferences for Trigger Action Programming devices in Smart Homes.
- Gathered personalized data on user preferences for device and recipe automation in Smart Homes.
- Coauthored submission to CHI 2017 Conference: "Mitigating Ambiguity in Trigger-Action Programming for Home Automation."

### FETCHUM | FREELANCE WEB DEVELOPER

Fall 2016 – Present | Providence, RI

- Created website for on-demand delivery service using Django and Bootstrap.

### INTERCOLLEGIATE FINANCE JOURNAL | WEB DEVELOPER

Fall 2016 – Present | Providence, RI

- Wrote REST-based multi-tier back-end site for custom WordPress site.

## INDEPENDENT PROJECTS

### SPOTIFY MUSIC GENIUS | SOFTWARE DEVELOPER

December 2016 – January 2016 | Roslyn, NY

- Created a web-application using Node.js that leverages machine learning techniques to create a music playlist that a user would like.

### FANTLEAGUE | SOFTWARE DEVELOPER

June 2016 – Sept 2016 | Roslyn, NY

- Created a customizable fantasy sports league with Django and MySQL on Amazon EC2, where users are able to create profiles for players, set duration of league, and assign ratings for each player.
- Implemented a round-robin algorithm to efficiently generate unique match-pairings and an easy to use interface.

### EXPENSE ASSISTANT | SOFTWARE DEVELOPER

June 2016 – Sept 2016 | Roslyn, NY

- Created a skill for Amazon Alexa using Node.js that keeps track of a user's expenses that interacts with the Google App Scripts.

### BABIFY | SOFTWARE DEVELOPER

June 2016 – Sept 2016 | Roslyn, NY

- Used Dictionary API to develop a Google Chrome Extension in Javascript that changes a word to a synonym when clicked.