

# Aansh Shah

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## Education

**Brown University**, Sc.B. Applied Math-Computer Science (GPA: 4.0)

**Graduation:** May 2019

**Relevant Coursework:** Systems, Object-Oriented Programming, Data Structures and Algorithms, Discrete Structures/Probabilities, Statistical Inference, Differential Equations, Linear Algebra, Multivariable Calculus

## Developer Experience

**Full-Stack Developer at Crowdfound, New York, NY**

**Summer 2016**

- 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 activate users who generated more than 7,000 messages.
- Used Amazon S3 API for media storage and hosted the web application on Amazon EC2 instances.

**Universal Programming of Devices Research Group at Brown University (upod.io)**

**2015-Present**

- 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.

**Freelance Web Developer at Fetchum**

**Fall 2016-Present**

- Worked with graphic designer to implement front end for website using Django and Bootstrap.

## Independent Projects

**Fantleague ([thecustomleague.com](http://thecustomleague.com))**

**Summer 2016-Present**

- 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**

**Summer 2016-Present**

- 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, Google Chrome Extension**

**Summer 2016-Present**

- Used Dictionary API to develop an extension in Javascript that changes a word to a synonym when clicked.

## Skills

**Languages:** Python, Java, Javascript, jQuery, HTML, CSS

**Frameworks:** Django, Bootstrap, Git

**Services:** Amazon S3, Amazon EC2, Amazon Lambda, Google App Scripts

## Interests, Activities, Volunteering

**Game Craft Charity, Founder**

**2011-Present**

- Organized charity events/drives and collected over 2,000 videogames for underprivileged children

**Rhode Island Urban Debate League, Coaching Assistant**

**2015-Present**

- Teach Policy Debate to underprivileged students in Providence as a form of social justice and empowerment

**Legislative Researcher for NYS Assemblywoman Schimel and Intern for Assemblyman Lavine**

**2013-2015**

- Helped design legislation: tax credits for alternative energy use and provide further safety for state life guards while working with environmental and health safety lobbyists