

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.

Independent Projects

Fantleague (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

Sticks and Stones May Break My Bones: Middle School Students' Perceptions of Bullying

2014-2015

- Study ($N=259$) explored the interaction between the gender of the bully and the victim, as well as the impact of type of bullying behavior on the perceived aggression of a bully and the punishment given to him or her.
- Awards: 1st place American Psychological Association and Finalist in Fair at INTEL International Science and Engineering Fair