Aansh Shah

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Education

Brown University, Sc.B. Applied Math-Computer Science   **Graduation: May 2019**

Recent coursework: *Intro to Object-Oriented Programming*, *Honors Multivariable Calculus, Discrete Structures/Probabilities, Data Structures and Algorithms, Linear Algebra*

Languages, Frameworks, and Services: Familiar with Python, Django, Java, Javascript, HTML, CSS, jQuery, MySQL, Bootstrap, Amazon S3, Amazon EC2, Amazon Lambda

Experience

Full-Stack Developer at Crowdfound, New York, NY   **Summer 2016**

- Developed a video-based networking platform using Django, Javascript, HTML and CSS.
- I created software to automatically generate thumbnails and made an instant messaging platform using websockets.
- I used Amazon S3 for media storage and hosted the web application on Amazon EC2 instances.

Fantleague (thecustomleague.com)

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

Expense Assistant

- I created a skill for the Amazon Alexa using Node.js that keeps track of a user's expenses.

Research Experience

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.

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 (physical versus verbal) 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

Leadership and Volunteer Experience

Game Craft Charity, Founder   **2011-Present**

- Organized charity events and drives – collected over 2,000 videogames – and managed expenses and tax returns

Rhode Island Urban Debate League, Coaching Assistant   **2015-Present**

- Teach Policy Debate to underprivileged students of color at Woonsocket High School 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