

# 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, Java, Javascript, HTML, CSS, jQuery, MySQL, Django, Bootstrap, Amazon S3, Amazon EC2, Amazon Lambda

## Experience

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

**Summer 2016**

- Created 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.

**Universal Programming of Devices Research Group at Brown University**

**2015-Present**

- Helped design user interface for IFTTT that was used to aggregate user preferences for Trigger Action Programming devices in Smart Homes.

**Fantleague**

- I created a customizable fantasy sports league, where users are able to specify/create profiles for players and compete in highly personalized leagues.
- I implemented real time notifications using websockets and set up background tasks with Celery and Redis.

**Expense Assistant**

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

## Other Research Experience

**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: 1<sup>st</sup> place American Psychological Association and Finalist in Fair at INTEL International Science and Engineering Fair

**Disagreeing Agreeably: Do Manners Have A Place In Politics?**

**2013-2014**

- Study ( $N=120$ ) sought to find how the use of politeness as a strategy while disagreeing in a debate will impact the perceived dominance, perceived likability, and intent to vote for a candidate.

## 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