Shreya Ramesh

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Education

Boston University, BA/MS Computer Science   Graduation Date: May 2018
GPA: 3.5

Experience

Slack – San Francisco, CA   May – August 2017
Software Engineering Intern, Core Product Team
- Developed APIs, controllers, and libraries for login flows and migration tools.
- Feature development from tech specs to production.

StratoDem – Boston, MA   January – May 2017
Software Development Intern
- Implemented network statistical algorithms and cluster visualization on migration network data.
- Optimized long-term data versioning for large-scale databases via AWS Glacier.
- Designed validation and documentation for client data API.

TripAdvisor – Boston, MA   May – August 2016
Software Engineering Intern, Search Sites Team at SmarterTravel
- Built an internal app used to control production experience for millions of users.
- Used Java with a Spring framework, jooq (ORM), JavaScript.

Toshiba – San Jose, CA   June – August 2015
Software Development Intern, Enterprise Software Solutions Team
- Built a system for verifying functionalities of hard drive development via Expect scripts.

Projects

Gamification for home-based physical therapy   March 2017 - present
- Ongoing research on using the Microsoft Kinect for physical therapy.
- A project of BU's Image and Video Computing Group, guided by Dr. Margrit Betke.

ADRES   January – Nov 2016
- A tool for speech therapists to analyze reading and writing errors systematically.
- Implemented NLP modules to determine the degree of relatedness between words.
- Deployed as a Django web application for eventual use by clinicians.
- Published for the conference "54th Annual Academy of Aphasia Meeting."

Simmons SharkHack (Won Best Popular Hack)   September 2015
- Translates sentences into a celebrity's "speak," with books or speeches as training data.

Leadership

Habitat for Humanity   May 2016 – May 2017
President of Boston University Chapter
- Maintained chapter's budget and organized weekly service events, club meetings, and fundraisers.
- Coordinated the chapter's annual service trip with Habitat for Humanity International.

WTBU Radio | The Beat of Boston University   Feb 2016 – present
Host for weekly show "Wild Youth"
- Airing weekly shows, playing and commenting on new indie music.
- Training interns on how to use equipment and conduct shows.

Technical Skills

- **Languages:** Python, Java, PHP/Hacklang, JavaScript, SQL
- **Technologies**: Django, Flask, Pandas, OpenCV, Git