Alexa Rockwell

Full Stack Developer and Designer

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Education

Aug 2014 - May 2018 — **Stony Brook University**
BS in Computer Science, Honors
Specialization in Systems Software Development
Women in Science and Engineering Program

Jun 2016 - Aug 2016 — **Udacity**
Nanodegree in Android Development
Completed a year long program in the matter of 3 months.

Work Experience

Dec 2015 - Present — **RSRCHR**
Full Stack Developer
Worked on a universal web research platform, to allow users and thier labs to record and analyze their data seamlessly and with the use of precalibrated virtual enviorments.

Responsible for creating a filtering menu on the front end, and sending those specified queries to the backend.

Tasked with implementing loading procedures to improve preformance.

Jan 2016 - Mar 2016 — **EDUCodes**
Founder and President
Assembled and lead a team of college students who joined the initiative to make an education in Computer Science available to every student.

Currently funded by Google's IgniteCS program.

Jun 2014 - Dec 2015 — **Harvard's WECode 2016 Conference**
Ambassador to Stony Brook University
Event at Harvard University to bring women from all around the world to talk about gender equality in Computer Science.

Served as a coordinator between Stony Brook and Harvard in efforts to bring participants to the event.

Projects

Trail Hub + Aggregates data for user about camping grounds depending on time of availability and location. Provides weather update for the week and allows for collaboration with people who want to plan a hiking trip.

Spotify Intersect + Personal project, android application that creates a playlist of similarities between users, utilizing the Spotify Android API.

AR Test + Learned the basics of 3D modeling and the Unity engine, and combined it with my knowledge of Android development to create an augmented reality app.

MyBey + A "Beyonce" themed chat bot created at Flawless Hacks, uses NLP to return contextual lyrics.

ArchRover + Hack made at MakeCU, a drone that maps the dimensions of a room by creating a matrix of the area it's within, then transmits the data to a web interface via SMS.

FIRST Robotics Team + Instituted the "NewRoBots", a team that continues to compete at FRC regionals.

Summary

Computer Science student with interests ranging in every facet of Computer Science.

May it be algorithms, systems architecture, networking, or game development.

Fast learner, efficient, creative, and personable.

Proven to adapt and thrive in any new enviorment.

Skills

Computer Languages
Java
C/C++
HTML/CSS/Javascript
Python
LaTeX
SQL

Software/Tools
Eclipse
Git
Android Studio
Visual Studio
*nix Environments
VMware
Wireshark
Unity & Unreal Engines
Adobe Creative Suite
Arduino/Raspberry Pi
AutoCad & Suite

Spoken Languages
English
Spanish
Russian