

Alexa Rockwell

1ntrepida.github.io

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(914) 325-4838

Education:

BS Computer Science, Honors

Stony Brook University, Stony Brook NY

Cumulative GPA : 3.18

2014-2018

Relevant Coursework: Fundamentals of Computer Science, Discrete Mathematics, Programming in C, System Fundamentals, Data Structures, Networking, Machine Learning, Computer Vision

Udacity Nanodegree: Android Development

June 2016 - August 2016

Professional Experience:

EDUCodes Founder

Dec 2015 – Present

Assembled and lead a team of college students who joined the initiative to make an education in Computer Science available to every student in the nation. Projected to reach at least a thousand students and will attain non-profit status by the end of the year. Currently supported by Google's IgniteCS program.

Harvard's WECODE 2016 Conference Ambassador

Jan 2016 – Mar 2016

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.

Eclipse Contracting Technical Support and Estimator, Yonkers, NY

Jun 2014 – Dec 2015

Established financial contracts with Metropolitan Museum of Art, Columbia University, and more. Calculated the cost of renovating New York City high rises, including partitions and ceiling work. Responsible for monitoring the company servers, setting up work stations, and monitoring the database.

Projects:

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

Shell Program - A program that simulates a UNIX based terminal written in C.

ArchRover - Hack made at MakeCU, a robot that maps the dimensions of a room.

Miner Node Simulation - Honors final project which simulated mining a cryptocurrency.

AnyMeal (iOS Application) - Used Photoshop the design the graphical interface for the app.

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

Skills:

Computer Languages: Java, C/C++, HTML/CSS, Python, Regex, LaTeX, Assembly, MIPS

Software: Eclipse 4.4, Git, Android Studio, Sublime Text Editor, Dev C++, Ubuntu, VMware, Windows OS 10/8/7/Vista/XP, MS Office, Adobe Photoshop, Adobe Premiere Pro, Adobe Dreamweaver

Spoken Languages: Fluent in Russian and Intermediate Spanish

Awards, Scholarships & Conferences:

- WECODE 2016 Conference *Feb 2016*
- Zonta Scholarship *Jan 2016*
- NYS Science, Technology, Engineering and Mathematics (STEM) Incentive Program *Aug 2014 - Present*
- Dean's List, College of Applied Sciences and Engineering *Aug 2014 - May 2015*
- Stony Brook University WISE Scholarship Recipient *Aug 2014*