Alexa Rockwell

Hacker & Full Stack Developer

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EDUCATION

Stony Brook University — *BS in Computer Science*

AUGUST 2014 - MAY 2018

Honors Computer Science Program, Campus Ambassador, Stony Brook Computing Society.
VP of Stony Brook Computing Society: In charge of GBMs, workshop hosting and planning (Node.js, Amazon Alexa), and organizing weekly mock interview sessions.

EXPERIENCE

Major League Hacking, New York, NY — *Coach*

JUNE 2017 - PRESENT

- Ensured smooth event operation at hackathons and mentoring participants.
- Guided developers with corporate partners' hardware/software.

Softheon, Stony Brook, NY — *Software Development Intern*

JUNE 2017 - PRESENT

- Developed reporting web interface to dynamically build and send OData queries to REST API.
- Used OAuth to authenticate user, and save their report preferences.
- Implement subscription service and exporting of D3.js graphs to all file formats.

RSRCHR, Stony Brook, NY — *Full Stack Developer*

JANUARY 2017 - JUNE 2017

- Optimized data filtering & load time by implementing infinite scroll for speed and scalability.
- Collaborated with the team to define the information architecture.
- Utilized JavaScript, JQuery, and Python and page loading in HTML and CSS.

EDUCodes, Stony Brook, NY — *Founder & CEO*

MARCH 2016 - JUNE 2017

- Led a team of students in an initiative to make Computer Science available to students from ages 5–16.
- Supported by Google's IgniteCS program, 600 participating.

PROJECTS

Transcriber — *Translates live audio feed of lecturer into cohesive notes using NLP using Google Cloud Services.*
PennApps 2017 Winner

Archie — *Image processing AI that calculates the price of an architectural floor plans from PDFs using OpenCV and Tensorflow.*

Trail Hub — *Scraped data on hiking trails using Google Maps and OpenWeather API.*
Bitcamp 2017 Winner

MyBey — *NLP bot that used topic modeling to communicate in Beyonce lyrics.*
FlawlessHacks 2016 Winner

SKILLS

Javascript Node.js, D3, Python, Angular/Typescript, C/C#, Visual Studio.NET, Java, mySQL, mongoDB