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, Dean's List, Campus Ambassador, Stony Brook Hyperloop Team, Women In Science and Engineering, Stony Brook Computing Society, Society of Young Entrepreneurs.

EXPERIENCE

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

JUNE 2017 - PRESENT

Travelled to hackathons across North America, ensuring smooth event operation and improving the experience for participants. Onboarded developers with corporate partners' hardware/software and gave opening talk to kick off each event.

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

JUNE 2017 - AUGUST 2017

Tasked with creating a clean reporting web interface that sits ontop of a created REST API that facilitates calls between the front end and database. Used OAuth to authenticate user, and save their report preferences. Implementing subscription service as well as exporting of SVG graphs to all file formats. Additionally worked with sequential patterning to identify recurrences in medical diagnoses.

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

JANUARY 2017 - PRESENT

Closely worked with back-end developers to optimize data filtering and load time by implementing infinite scroll for maximum speed and scalability. Collaborated with the team to define the information architecture. Implemented functionality in JavaScript, JQuery, and Python and page loading in standards-compliant dynamic HTML and CSS.

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

MARCH 2016 - 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. Currently supported by Google's IgniteCS program.

PROJECTS

Archie — *Image processing AI that calculates the price of a commercial renovation.*

Trail Hub — *Scrapped 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

Python (Tensorflow), Javascript (Node.js, D3), C, mySQL, mongoDB