

EDUCATION

New York University
Bachelor's in Computer Science

September 2017 - May 2021
GPA: 3.48/4.00

WORK EXPERIENCE

Adventurly

August 2018 - Present

Lead Software Developer Intern

- Incoming software developer intern for the fall semester working on the mobile app product using the Ionic JavaScript framework
- Implementing a new chat platform and fixing data loading performance issues

Consolidated Edison

June 2016 - Present

Engineering Aide

- Programmed 32 new SCADA (Supervisory, Control, and Data Acquisition) GUIs that monitor the electrical distribution system in NYC with AutoCAD and SQL queries
- Built a system of Excel files across Sharepoint to track on-field staffing during emergency storms; automated a summary sheet for the data with Visual Basic
- Added a crucial estimated completion time feature to multi-stope feeder repairs with Visual Basic; impacted four regional control centers across the company

SELECTED PROJECTS

Ultra Chat

March 2018 - August 2018

- Leveraged websocket technology to assemble a real-time terminal-based chat app
- Used Node.js and Express.js for the backend to handle websocket connections for multiple users; designed a terminal user interface with the Blessed JavaScript library

Command Line Flashcards

August 2018

- Systemized data structures to build a terminal-based Python tool and text parser to allow users to create and study flashcards

Thermoelectric Battery

January 2018 - May 2018

- Constructed an Arduino-controlled, thermal-powered portable battery
- Generated 9 volts from a coffee cup to charge a cellphone

Habit Tracker Heatmap

September 2017

- Implemented the “don’t break the chain” method of habit-keeping to a web application that displays a heatmap of completed habits in a calendar
- Used D3.js to generate graphics and Go to power the back-end that loads HTML pages

SKILLS

Programming Languages:	Python, JavaScript, C/C++, VBA
Technologies:	Node.js, Express.js, MongoDB, Git, L ^A T _E X, Ionic, Arduino, Microsoft Excel & Access

AWARDS

- NYU Computer Science and Engineering Dean’s List *Fall 2017, Spring 2018*
- Ascend Educational Fund (AEF) scholarship recipient *May 2017*

ACTIVITIES

- Cybersecurity Workforce Alliance *May 2018 - July 2018*
- Treasurer of Brooklyn Tech Physics Club *January 2016 - May 2017*