

## EDUCATION

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**New York University**  
*Bachelor's in Computer Science*

*September 2017 - May 2021*  
*GPA: 3.48/4.00*

## WORK EXPERIENCE

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### **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

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### **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*

- Implementing the “don’t break the chain” method of habit-keeping to a web application that displays a heatmap of completed habits in a calendar
- Using D3js to generate graphics and Go to power the back-end that loads HTML pages

## SKILLS

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Programming Languages:	Python, JavaScript, C/C++, VBA
Technologies:	Node.js, Express.js, MongoDB, Git, L <sup>A</sup> T <sub>E</sub> X, Ionic, Arduino, Microsoft Excel & Access

## AWARDS

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- NYU Computer Science and Engineering Dean’s List
- Ascend Educational Fund (AEF) scholarship recipient

*Fall 2017, Spring 2018*  
*May 2017*

## ACTIVITIES

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- Cybersecurity Workforce Alliance
- Treasurer of Brooklyn Tech Physics Club

*May 2018 - July 2018*  
*January 2016 - May 2017*