

## EDUCATION

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### New York University

Bachelor of Science in Computer Science

September 2017 - May 2021

GPA: 3.48/4.00

- Relevant coursework: Data Structures and Algorithms, Object-oriented Programming, Discrete Mathematics, Introduction to Computer Science

## WORK EXPERIENCE

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### Adventurately

Software Developer

August 2018 - Present

- Currently building a Firebase group chat feature based on users' mutual events as per user requests
- Implementing an Instagram account authentication login feature to ensure trust between users
- Redesigned messaging platform and main menu with new user-friendly UIs using Angular and the Ionic mobile app framework

### Consolidated Edison

Engineering Aide

June 2016 - Present

- 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 to track on-field staffing during storms; automated a dynamic summary sheet with Visual Basic
- Added a crucial estimated completion time feature to feeder repair dashboards with Visual Basic; impacted four regional control centers across the company

## SELECTED PROJECTS

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### Ultra Chat

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

### Kings in Corners

- Systemized data structures and utilized object-oriented design principles to build a terminal-based Python implementation of the King's Corner card game

### Thermoelectric Battery

- Constructed an Arduino-controlled, thermal-powered portable battery as part of a custom student-designed semester long design project (SLDP)
- Generated 9 volts from a coffee cup to charge a cellphone

### Habit Tracker Heatmap

- 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

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Programming Languages:	Python, JavaScript, C++, Go
Tools & Technologies:	Node.js, Express.js, MongoDB, Git, $\LaTeX$ , Ionic, Angular, SQL, Arduino, Vim

## 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