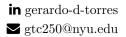


# GERARDO TORRES



# **EDUCATION**

# **New York University**

Bachelor's 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

#### Adventurely

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 to track on-field staffing during storms; automated a summary sheet for the data with Visual Basic
- Added a crucial estimated completion time feature to multi-stop feeder repairs with Visual Basic; impacted four regional control centers across the company

# Selected Projects

#### **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

#### Command Line Flashcards

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

#### 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 D3js 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, LaTeX, Ionic,
Arduino, Microsoft Excel & Access

# AWARDS

• NYU Computer Science and Engineering Dean's List

• Ascend Educational Fund (AEF) scholarship recipient

Fall 2017, Spring 2018

May 2017