

# Daniel Pepin

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## EDUCATION

**John Jay College of Criminal Justice - City University of New York (CUNY)**

New York, NY

*Bachelor of Science in Computer Science and Information Security* | GPA: 3.57/4.00

*Expected: May 2021*

### **Relevant Coursework**

Discrete Structures, C++ Programming, Data Structures and Algorithms, Object Oriented Programming in C++, Computer Architecture

## TECHNICAL SKILLS

**Programming:** C++, Python, JavaScript, HTML, CSS, Java, Node.js, Bootstrap, React.js

**Technologies:** UNIX, WSL 2, Clion, Xcode, Visual Studio Code, Git/GitHub, Adobe Photoshop, Virtual Studio, OS X, Windows 10, Heroku, Firebase

## PROJECTS

### **BrokenStrides**

January 2020 - May 2021

- Built Ecommerce site focusing on selling clothing and displaying art from the group Broken Strides
- Development stack includes: html/css, React.js, Node.js, Passport, Heroku, Postgresql, Firebase and Git.

### **FoodWaze**

November - December 2019

- Built a web application in a group of intended to connect CUNY students in hopes to reduce waste and save money by showing where you can find free food currently on their campus using html/css, React.js, Node.js, Passport, Heroku, and git.
- Implemented features where users were able to post listings of free food on their campus and also filter through certain criteria to look for listings.

### **Twitch Quotes(Discord Bot)**

August 2020

- Built a discord bot using node.js API that allows user to interact with the bot to summon it into a channel to play a certain popular clip from twitch.tv. The Bot is hosted on Heroku and available 24/7
- Allowed users to interact with the bot as a PokeDex taking data from the PokeApi online

### **Data Structures Implementation**

January 2019 - May 2019

- Used queues which loaded a txt file and sorted the txt file alphabetically and frequent appearing word
- Used Singly Linked and Doubly Linked lists to sort integers from either lowest to highest or highest to lowest
- Used Stacks to recreate the dealing of a hand in poker.
- Created binary search tree and AVL tree

## RELEVANT EXPERIENCE

### **CUNY Tech Prep**

New York, NY

*Software Developer Student*

June 2019 – May 2020

- Selected for a full stack JavaScript training program, as one of 125 students out of 400+ applicants
- Learn in-demand technologies like React, Node + Express, and PostgreSQL as well as industry best practices for design, implementation, and deployment such as MVC, version control with Git/GitHub, agile & scrum with Trello and Slack, test driven development, and CI/CD

### **Public School 48**

New York, NY

*Teaching Assistant*

January 2017

- Taught and exposed 100 elementary school students basic concepts in Computer Science, using Scratch in groups of 10 at a time during the school day.

## SUPPORTING EXPERIENCE

### **Riverdale - Young Men's Hebrew Association (YMHA)**

New York, NY

*Lifeguard*

June 2017 – March 2020

- Supervised and ensured the safety of ~200 members daily to provide safe and smooth operation of all activities on the grounds of the pool
- Performed first aid and CPR to provide emergency care and treatment to members

### **IPG Media Brands**

New York, NY

*Media Intern*

August 2017

- Created a presentation with Microsoft Presentation and Adobe Photoshop to present an Employee and Intern Mentorship Program for 20 employees
- Produced up to 5 decks including draft and final drafts of the final presentation and created logos and slides with Adobe Photoshop and Microsoft PowerPoint
- Honed in professional skills such as presentation, teamwork, time management, and various other technological skills

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**LGBTQ Awareness Program, Bronx Academy for Software Engineering**

New York, NY

Creator

September-June 2017

- Led program to bring awareness of the LGBT community to create a healthy environment for students within the school.