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#### **EDUCATION**

### Stevens Institute of Technology, Hoboken, New Jersey 07030:

Bachelor of Science in Computer Science, Graduating May 2021 GPA: 3.78/4.0 (Dean's List)

Member of Upsilon Pi Epsilon: International Honor Society for the Computing and Information Disciplines

### **Major Subjects:**

Algorithms • Concurrent Programming • Data Structures • Database Management Systems • IT Security • Object Oriented Analysis and Design • Software Development Process • Web Programming & Web Development

## **SKILLS**

### Languages:

- Main: CSS, HTML, JavaScript (jQuery, Node.js, React, Typescript)
- · Advanced: Python, SQL
- · Intermediate: C, C++, Erlang, Java, Ocaml
- Novice: Assembly, Scheme

# Software & Programs:

- · Adobe Lightroom, Photoshop, & Premiere Pro · Android Studio
- · Atmel Studio · Eclipse · Firebase · Github · Gitlab · Google Apps · Heroku · iMovie
- · Microsoft Access · Microsoft Excel · Microsoft PowerPoint
- Microsoft Word MongoDB MySQL Workbench Postman
- Remedy HelpDesk VirtualBox

## **WORK EXPERIENCE**

# Konica Minolta Business Solutions, Ramsey NJ

# IT & Security Intern: 6/5/17 - 8/11/17 • 5/30/18 - 8/16/18

- Created and managed Remedy HelpDesk tickets for new devices to be deployed to employees
- Organize data received from security spreadsheets using VBA macros
- Organize received devices from users and record inventory
- Re-image servers and laptops for redeployment using vSphere and PuTTY
- Send out and organize received laptop user agreements from employees
- · Set up desktops for employees
- Train other interns

#### Web Services Intern: 6/10/19 - 8/16/19

- Worked within current projects under a CVS source control system to edit aspects (forms, database schema and population) of employee website through use of HTML, CSS, JavaScript, Java (JSP), & SQL
- Given free reign to update Supplier Solution Catalog website to feature a modern and user-friendly design
- Worked well with other developers and project managers to understand and fulfill business requirements in a timely and efficient manner

# **PROJECTS**

### BarryBot:

- · Personal, NJ, May 2018-
- Discord chat bot made with discord.js (hosted on GitHub, deployed with Heroku)
- Has unique responses for specific server members
- Can assign roles and remove roles from server members
- Can kick users upon command
- Can "flip a coin" and "roll a dice"

### Gif Charades:

- Personal, NJ, November 2019-
- Officially on the Discord Bot Store
- Discord chat bot made with discord.js (hosted on GitHub, deployed with Heroku)
- User starts game with the command '/gc play'
- Bot then gives a random question with 4 parameters: type of media (movie, song, etc), number of gifs, number of words in the media's title, and the gifs themselves
- User can receive a hint with the command '/gc hint'

### DCEU/MCU Database:

- Academic, NJ, May 2019
- Final group project for graduate course CS 546: Web Programming
- Database for DC Extended Universe & Marvel Cinematic Universe characters
- Responsible for HTML, CSS, and client-side & server-side JavaScript for user database system, search results, character details, security, and admin user features
- Tools used: Express, Handlebars, MongoDB

### **COVID-19 Tracker**

- Academic, NJ, May 2020
- Final group project for graduate course CS 554: Web Programming II
- Web application built with React, Firebase, Bootstrap, Node.js, Express, Later.js, and AnyChart
- Features a global case count and a map of the United States that shows cases by state
- Users can search by county to see cases and deaths
- Features a questionnaire to see if a user potentially has COVID-19
- Users can sign in to see their previous questionnaire answers

#### **ADDITIONAL INFORMATION**

Hobbies: Photography (instagram.com/coastphase) • Comics • Videogames • Tennis • Racquetball