Daniel Yee

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Education

University at Albany, State University of New York   **Albany, NY**
August 2019 – Present   Expected Graduation: May 2023

- Major: B.S. in Computer Science
- Minors: Mathematics; Informatics with concentration in Computer Science
- Cumulative GPA: 3.87/4.00
- Dean's List: Fall 2019 – Fall 2020

Projects

Blackjack Game using Java Swing ([Link])
- Designed and developed a [text-based] version of the game with an auto-stand feature as a base game.
- Expanded on the text-based Blackjack game by implementing a GUI using a JFrame, JButton's and JLabel's to create a more interactive experience for the player.
- Revised the representation of a playing card to resolve an issue with getting the file path of the respective images.

BASIC Interpreter ([Link])
- Created an Interpreter that lexically analyzes and parses a version of the BASIC programming language and executes it using Java.
- Implemented an abstract syntax tree for the Interpreter using nodes parsed from the tokens created from lexical analysis.

Connect Four Game ([Link])
- Utilized dynamic memory allocation in C to create a local two player version of Connect Four.

Skills

- Languages: Java, C, Python
- Web Technologies: HTML/CSS, Bootstrap Framework
- Tools: Visual Studio Code, Eclipse, Microsoft Office Word, PowerPoint, and Excel, Adobe Photoshop (basic)

Extracurricular Activities

Institute of Electrical and Electronics Engineers, University at Albany Student Branch   **Albany, NY**
Member
- Attended meetings and presented side-projects at weekly meetings.
- Co-hosted in-person side-project development nights.

2018 Hour of Code at John Dewey High School   **Brooklyn, NY**
Ambassador
- Informed fellow schoolmates of the importance of programming through hands on exercises and videos.

2018 International Coastal Cleanup Day at Kaiser Park   **Brooklyn, NY**
Volunteer

Work Experience

Subway Sandwiches   **Brooklyn, NY**
Sandwich Artist   *April 2019 – Present*
- Improved public speaking and problem-solving skills through customer interaction.
- Answered customer questions about food ingredients and availability.

Chinese-American Sports and Community Service Association   **Brooklyn, NY**
Web Developer and Assistant Secretary   *March 2018 – August 2019*
- Designed and deployed a new website (www.cascsa.org) using HTML and CSS and integrated the Bootstrap framework to restructure and replace the information displayed on each page.
- Maintain the organizations website by updating content and uploading photographs from events.
- Created attendance sheets using Microsoft Excel for youth sports programs.