

Daniel Yee

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Education

University at Albany, State University of New York

August 2019 – Present

Albany, NY

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, JavaScript, JQuery, 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

Junior Vice Chair, Club Member

- Attended meetings and presented side-projects at weekly meetings.
- Co-hosted in-person side-project development nights.
- Trained in duties pertaining to the Vice Chair of the organization including room reservations and helping other officers in their duties.

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.

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.