Angel Quinones

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EDUCATION

University of Illinois- Chicago | Bachelor of Science in Computer Science   Expected Dec. 2023
- GPA: 3.73/4.0
- *Victor and Lucy Kan Family Scholarship*

SKILLS

React.js| CSS| HTML | C++ | C | Python | SQL | Javascript | LUA |GIT|API|Java|VSCode|Intellij|Maven

PROJECTS

3 Card Poker Game|JAVA, JAVAFX, MAVEN, GIT   October. 2022 - October 2022
- Implemented a 3 Card Poker game using JavaFX for user graphics. Junit 5 used for unit testing the backend.
- Worked with a partner using separate Git branches, then merging when an objective was completed and tested.
- Used event driven programming with events being treated as transitions to next states such as card dealing, etc.

CTA Object relational-mapping| PYTHON, SQL, MATPLOTLIB   Sept. 2022 - Sept 2022
- Built a program that reads and writes SQL queries within a python environment.
- User inputs data and the data will be used to fetch an SQL query which would retrieve data into a python list.
- The program also generates graphs to show the total number of people who rode a certain CTA line throughout a year. There are 9 commands which may compare two CTA lines within a year and graph it, retrieve 10 most popular lines, etc.

Balloon Mania! |JAVASCRIPT, CSS, REACT, HTML, GITHUB   July. 2022 - Aug 2022
Balloon Mania!
- A board game that works on recursive clusters that pop if they're the same color, using algorithms such as Breadth First Search.
- Utilizes conditional rendering to have three game states, Shop, Settings, and Single Player. Balloons are generated with data structures such as a Hashmap to map symbols to colors.
- Utilizes React.js to have animations and poppable balloons on click, where the CSS is executed on input.

TWELVEZIES |JAVASCRIPT, CSS, REACT, HTML, GITHUB   June. 2022 - July 2022
Twelvezies Github Repo
- A board game where you must make all the dice match.
- Uses conditional rendering to have some dice appear to be green. HTML elements such as a button are rendered and, on click, it will not animate the green dice that you clicked on. React sets conditional CSS style elements within the HTML.

HUFFMAN ENCODING APPLICATION| C++, FILE READING   April. 2022 - April 2022
- Used C++ to write an application for compressing and decompressing Text Files using the Huffman Encoding algorithm.
- Used a custom-made priority queue implemented with binary trees for memory management.

FILE-CYCLE DETECTION | C   Dec. 2021 - Dec 2021
- Built an algorithm that detects cycles within a text file with different includes using recursion and C-strings.
- Each include will be read for other includes inside those includes, so if A contains B which contains A, this would be a cycle. The program would return when A starts the cycle and breaks it.

EXPERIENCE

Receptionist   May. 2022 - Aug 2022
Arlington Eye Physicians | Arlington Heights, IL
- Responding to patient inquiries by phone calls and emails.
- Managing day-to-day schedules of the clinic.
- Collaborating with co-workers on tasks such as making confirmation calls and writing documents

Server   June 2021 - Oct 2021
Olive Garden | Schaumburg, IL
- Interacting with customers to maintain an excellent level of service with speech and execution of orders.
- Executed sequences of orders within heavy time constraints, such as getting orders and taking orders multiple times at once