Brandon Chau

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Experience

Planetarium Intern   February 2022 – May 2022

Contra Costa College, San Pablo, CA

- Developed the visuals and scenes for the newly built planetarium for future use and adaptability.
- Used JavaScript to create scripts that shows professors' and astronomy content that will be displayed on the planetarium dome.

Projects

Banking System   August 2022 – December 2022

Language: Java

- Developed a multithreaded banking system using a client-server design pattern, leveraging core Java technologies to provide a scalable and efficient solution.
- Created intuitive and user-friendly graphical user interfaces (GUIs) that send and receive data packets to and from the server, providing users with real-time access to their account information and transaction history.
- Implemented a robust data storage solution using a HashMap data structure to store and manage client objects, providing fast and efficient access to necessary banking information with a time complexity of O(1).

PokeDex   August 2021 – January 2023

Language: Python

- Developed a PokeDex that contained information about the first 151 Pokemon. This includes their typing, stats, evolutions, height, weight, available genders, and a small description.
- Can be searched using user input and can filter by selecting several options.
- Created a GUI with functional buttons that allows user to access options and features.

Personal Website

Language: HTML, CSS, JavaScript   January 2023 – May 2023

- Created a website deployed on GitHub that lists off skills that I have acquired during my time studying at my university.
- Used Bootstrap framework to assist me designing the layout for each of the pages.
- Have a page that allows a person to download my resume with a button.

Education

California State University East Bay, Hayward, CA   August 2021 – May 2023

Bachelor of Science in Computer Science

Relevant Coursework: Data Structures & Algorithms, Computer Architecture, Automata & Computation, Assembly Language, Operating Systems, Computer Networks, Mobile Programming, Software Design, Web Development, Object Oriented Programming, A.I., UNIX

Skills:

Programming Languages: C++/C, Python, Java, R, JavaScript, CSS, HTML
Software and Tools: CLion, PyCharm, Eclipse, Linux, Git