

Aimi Ross

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EDUCATION

California State University - Long Beach

August 2019 - May 2021

Bachelor of Science: Computer Science

GPA: 3.8

SKILLS

Java, C++, C#, Python, SQL, GitHub, JavaScript, NodeJS, Visual Studio, Eclipse, Firebase, PyCharm, NetBeans, MySQL, HTML, CSS

PROJECTS

Hotel Room Booking system in Java

- Used **Object Oriented Programming** to build a room booking system using the Observer Design Pattern.
- Implemented Interface to create multiple objects(room type).
- Streamlined code using **dynamic polymorphism**.
- Deployed queue to automatically notify the first customer in the queue once a room becomes available.

Register Application in Java

- Designed and developed a food register application using OOP.
- Utilized a **factory design pattern** to facilitate the easy creation of new items for the shop.
- Developed a coupon class for additional benefits to both employees and customers.

Calendar Calculator in C++

- Built a Calendar Calculator application using OOP.
- Succeed calculation of dates by **overloading operators**.
- Utilized pointers to **dynamically allocate** the memory of objects.

Portfolio web page in CSS and HTML

- A self-taught web page from scratch applying CSS and HTML.
- Designed the website to easily access all the information.
- Implemented email creating function so one click makes a new email draft.

LEADERSHIP

Class president for 3 years in high school

Secretary for the student council in high school

Captain of a track and field club

ORGANIZATIONS

Member of Women in Computing (2019 - Present)