

Joshua Barrientos

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OBJECTIVE

Software Engineer with bachelor's in computer science looking to expand and grow in the industry.

EXPERIENCE

Northrop Grumman

07/2023 – present

Pathways Associate Software Engineer

- Analyzing and Debug Code
- Work alongside members within a Modeling and Simulation team.
- Learn radar and sensor fundamentals.
- Comparing and transferring files using Beyond compare.
- Taking tasks from Jira, Gitlab, and other platforms.
- Program with C++ and other languages.

Gen Korean BBQ

10/2019 – 4/2020

Busser

- Supported other staff to improve productivity to keep flow and prepare for guest
- Assisted servers and food runners in delivering timely service to guest
- Attentively stock toiletries

EDUCATION

California State Polytechnic University, Pomona

5/2023

Bachelor of Science in Computer Science

GPA: 3.65

Dean's List (fall 2019, spring 2021, fall 2021)

Notable Courses:

Data Structures and Advance Programming, Design and Analysis of Algorithms, Introduction to Programming and Problem solving, Software Engineering, Computer Graphics, Object-Oriented Programming

ACADEMIC PROJECTS

VR lab, Carnival Game Simulator [Project Link](#)

Spring 2022

- Gained experience creating a virtual reality environment using VR technologies such as Unity, the HIVE pro Headset, and the Meta Quest 2
- Transfer and collaborate work using Git Bash and GitHub
- Create C# scripts to create in game mechanics and interactions
- Plan and work in a team of 4 other students

Simple Twitter Application [Project Link](#)

Fall 2022

- Showcased understanding of object-oriented programming design patterns such as singleton and composite pattern.
- Used knowledge of java swing and the java language to create UI components.

Skills

Languages: Java, MIPS assembly, HTML/CSS, Python, C, Kotlin

Technologies/Environment: Windows, Linux, Unity, Jira, Beyond Compare, Git and GitHub, Gitlab, Android Studio

CERTIFICATION

Walmart Global Tech Virtual Experience Program

2022

CodePath Intermediate Android Program

2022