

LUCAS M REYNA

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EDUCATION

California Polytechnic State University, San Luis Obispo

B.S. in *Computer Engineering* to be conferred June 2023

Dean's Honor Roll Lists: Every quarter enrolled Fall 2019 - Spring 2022

Cumulative Cal Poly GPA: 3.883

COURSEWORK

- Computer Science Fundamentals
- Semiconductor Courses
- Data Structures
- Object-Oriented Programming
- Engineering Statistics Course
- System Programming
- Computer Networks
- Artificial Intelligence
- Calculus (sequence completed)
- Electrical and Magnetic Physics
- Technical Writing/Communication
- Digital Design
- Discrete Structures/Algorithms
- Computer Architecture
- Software Engineering I
- Operating Systems

EXPERIENCE

SUMMER 2022

Software Engineering Intern at Niantic, Inc - San Francisco / Remote

AR Engineering and Experiences – Worked on features and tools for Niantic's Lightship developer platform. The internship consisted of learning the intricacies of the AR platform and working with Unity, C#, and C++. Gained necessary experience communicating with several different teams to incorporate software requirements and feedback. The completed project will reduce QA time for location-based features of the AR platform.

FALL 2021

Software Developer Intern at MoonRift Entertainment - Remote

Unity Developer – Startup company looking to create virtual experiences through different platforms in the forms of games, visuals, music, and more. Worked on a new game in an internship group using Unity and C#. Broad amounts of software knowledge were required to create a unique, efficient, and professional project. This project gave MoonRift access to new ideas, resources, management experience, and an opportunity to raise funds on itch.io.

SKILLS

- Operating Systems: Windows, Mac OS X, UNIX, Linux
- Programming Literacy: Python, C++, C#, and Java
- Experience with Full Stack Web Development: MongoDB, Express, React JS, and Node
- Unity Development and Tools
- Hardware IO Mapping on Arduino, Basys 3, and STM 32 boards
- Familiarity with Fusion 360: Eagle CAD, Onshape, and Solidworks
- Intermediate French speaker

ACTIVITIES

Tau Beta Pi - Engineering Society

Active Member since March 2021

FRC Team 5458 Digital Minds

Virtual mentor, Fall 2020

Student member, Fall 2017 - Spring 2019