

# 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

M.S. in *Computer Science* to be conferred June 2025

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

Cumulative Cal Poly GPA: 3.876

## COURSEWORK

- Computer Science Fundamentals
- Electric Circuit Analysis
- Data Structures
- Object Oriented Programming
- Assembly Language Programming
- System Programming
- Semiconductor Courses
- Calculus (sequence completed)
- Electrical and Magnetic Physics
- Technical Writing/Communication
- Digital Design
- Discrete Structures/Algorithms
- Computer Architecture
- Digital Signal Processing

## EXPERIENCE

FALL 2021

**Software Developer Intern**, Remote

*Unity Developer for MoonRift Entertainment* – 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 was required to create a unique, efficient, and professional project.

8/2017 - 6/2019

**First Robotics Competition Team 5458 Digital Minds**, Woodland, CA

*Design Lead* – Local robotics team that participates in official FRC events. Heavily involved with the team for two full years. Design members utilized game rules and field information to adequately fabricate an efficient, legal robot. Basic electronic and mechanical knowledge were necessary to properly combine the components of the robot.

## SKILLS

- Operating Systems: Windows, Mac OS X, UNIX, Linux
- Programming Literacy: Python, C++, C#, Java, SystemVerilog, and Assembly
- General comprehension of HTML, CSS, and Javascript.
- Experience with Unity Programs and Tools
- Hardware IO Mapping on Arduino and Basys 3 boards
- Familiarity with Fusion 360: Eagle CAD, Onshape, and Solidworks
- Microsoft Office (Word, Excel, PowerPoint, Outlook, Teams)
- Intermediate French speaker

## ACTIVITIES

**Tau Beta Pi - Engineering Society**

*Active Member since March 2021*

**Robotics Mentor for Team 5458 Digital Minds**

*Virtual CAD mentor, Fall 2020*

REFERENCES AVAILABLE UPON REQUEST