




Billy Woodward

 github.com/bilbymike02  [linkedin.com/in/wmwoodward2002](https://www.linkedin.com/in/wmwoodward2002)  wmwoodwa@calpoly.edu

EDUCATION

California Polytechnic State University-San Luis Obispo

Expected Graduation June 2024

Bachelor of Science in Computer Science

Seattle Preparatory School

June 2020

RELEVANT COURSEWORK

Courses: AP Computer Science A, Intro to Computing, Fundamentals of Computer Science, Data Structures, Project-Based Object-Oriented Programming & Design, Intro to Computer Organization, Discrete Structures, Computer Architecture, Systems Programming, Design & Analysis of Algorithms, Intro to Software Engineering, Database Systems, Programming Languages, User-Centered Interface Design and Development

SKILLS

Languages: C/C++, Java, Python, SQL (MySQL), Racket

Tools: Git/GitHub, Unix Shell, VS Code, IntelliJ IDEA, Trello

PERSONAL PROJECTS

Rogue Toolkit | *Python, Blender API, Git*

May 2023 – Present

- Developed a functional addon for Blender 3D
- Automated common yet tiring parts of workflow that had troubled myself and other artists
- Added features directly to user-interface to improve speed and reduce complexity of animating process

PROFESSIONAL EXPERIENCE

Suncadia Resort (Roslyn, WA) | *Park Attendant*

June 2021 – September 2021

- Inspected park infrastructure daily and kept detailed log of equipment
- Assisted customers of all ages at a personal level

SkyWest Airlines (San Luis Obispo, CA) | *Ramp Agent*

June 2023 – September 2023

- Relied heavily on teamwork to accomplish complex tasks
- Managed stress to meet a tight and always changing schedule
- Practiced safety procedures in a highly dangerous environment

LEADERSHIP EXPERIENCE

Seattle Prep Film Club | *Lead Video Editor*

August 2019 – June 2020

Responsible for editing key videos for the school. Gave lessons on video editing to novices.

Cal Poly Animation | *Lead Environment Artist*

September 2021 – June 2022

Constructed most environmental props used in animations by students. Taught 3D modeling fundamentals.

Cal Poly Triathlon Team | *Bicycle Coach & Event Coordinator*

December 2022 – Present

Taught bicycling skill-set to beginners and frequently led practices. Worked with local businesses and fellow officers to coordinate complex events.