

# Isaac Pressman

ipressma@calpoly.edu | 925.549.1216

## EDUCATION

Dougherty Valley High School

GPA: 4.46

June 2024

California Polytechnic State University, San Luis Obispo (Cal Poly)

**Bachelor of Science Degree in Computer Science**

June 2028

## SKILLS

**Programming Languages:** Java, Python, C#, HTML, CSS, Javascript

**Technologies/Frameworks:** Django, SQL, Unity, Git

## PROGRAMMING PROJECTS

### Engraving Website, Full Stack E-Commerce Site

Languages and Tools Utilized: Django, Python, HTML/CSS/Javascript, PostgreSQL, Ubuntu

- Built entire backend of e-commerce website using Django framework including shopfront, product, order, and customization pages
- Used PostgreSQL to store orders and products as well as customer information
- Used HTML/CSS/Javascript to create interactive shop interface to customize products

### Working Hell, Video Game

Languages and Tools Utilized: Unity, C#

- Released dungeon crawler game on itch.io as part of a team of 6 containing 3 developers
- Built the pathfinding and attack enemy behaviors
- Implemented functionality to save systems for player data

### Sudoku Solver, Personal Project

Languages and Tools Utilized: Java

- Implemented recursive algorithms to solve sudoku puzzles
- Improved algorithms to save memory and reduce operations

## WORK EXPERIENCE

**3<sup>rd</sup> and 4<sup>th</sup> Grade Basketball Coach**- Tri-Valley Basketball

November 2023 – September 2024

- Created practice plans and ran four practices weekly
- Communicated with assistant coaches, directors, and parents