

# Garrett Kunkler

Student at California Polytechnic State University, San Luis Obispo, seeking internships and research opportunities where I can leverage my interests in engineering physics, robotics, and programming.

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[rettdog.github.io](https://github.com/rettdog)

## EDUCATION

Cal Poly SLO — GPA 4.0 Sep 2021 - Present  
Major: B.S. Mechanical Engineering  
Minor: Mathematics  
Expected Graduation: Spring 2025

### Relevant Coursework

Statics, Dynamics, Multivariable Calculus, Linear Analysis I,  
Modern Physics, Welding, Metal Casting, Drafting

League of Amazing Programmers Aug 2017 - Sep 2021  
Received Java SE8 Oracle Certification

## WORK EXPERIENCE

Defispot Software Intern Aug 2022 - Sep 2022  
UX design changes on [app.defispot.com](https://app.defispot.com)  
Backend improvements to user trading data access  
React Typescript and Javascript

ScoreStream Contract Programmer Jul 2022 - Sep 2022  
Used company's API to aggregate upcoming game data  
Embedded Google Apps Script to create game selection forms  
Prototyped website to mint custom NFTs using FLOW API

## PROJECT EXPERIENCE

SWPPP Internship Sep 2017 - Jun 2021  
Monitored high school campus stormwater pollution  
Brainstormed and implemented Best Management Practices  
Presented findings to school faculty and city council

Team Paradox Robotics Team Jun 2019 - Jun 2021  
Created and presented game designs to a panel of judges  
Member of programming team

Personal Programming Projects Aug 2017 - Present  
Physics Simulations, Video games, Language Parsing, etc.

## SKILLS

**Programming:** Java, Python, Typescript/React, MATLAB, Rust, GitHub, LaTeX

**Graphics:** Adobe Premiere Pro, Adobe After Effects, Adobe Illustrator

**3D Modeling & Printing:** Blender, CAD (SolidWorks, Onshape)

Conversational Japanese

## CERTIFICATIONS

Oracle Certified Java SE8 Programmer

## CLUBS

Cal Poly Robotics

## INTERESTS

Backpacking

**Music:** Piano, Trumpet, Harmonica, Guitar, Cal Poly Wind Orchestra, Composition

**Sports:** Soccer, Tennis, Ultimate Frisbee, Climbing

**Games:** Chess, MTG, D&D