

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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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, Thermodynamics, Multivariable Calculus,
Linear Analysis I, Modern Physics, Thermodynamics

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
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

Physics Learning Assistant Jan 2023 - Present
Review introductory physics material with instructor
Assist students in class and group discussions

PROJECT EXPERIENCE

Herbie Robotics Project Jan 2023 - Present
Applied for and received grant funding
Interdisciplinary software and hardware design group
Building trailer for educational meetings with local preschoolers

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

SKILLS

Programming: Java, Python, Typescript/React, MATLAB, 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