

Aidan Strong

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EXPERIENCE

TESLA

Fremont, CA

Software Engineer, Infrastructure Intern

January 2020 – July 2020

- Built and co-designed the first prototype of an internal-facing Multi-Factor Authentication Management portal — wrote a backend API in Node.JS to communicate with a customer-facing React frontend
- Generated utilities for creating time-based one-time passwords for testing purposes
- Designed an API converter to transform Postman V2.0 collections into OpenAPI Specification 3.0
- Created in-depth Splunk Dashboards for internal metrics and projects

BREAKFAST GAMES

Goleta, CA

Independent Programmer

May 2017 – Present

- Programmed seven titles in Unity 2D & 3D (C#), Unreal Engine (C++), and LibGDX (Java) for global game jams (Ludum Dare) and personal projects.
- Top 3 in two categories for the Ludum Dare 47 game jam (out of 3,000+ submissions)
- Composed unique looping music tracks and created individualized pixel art assets for each game
- Published on Itch.io and the Google Play Store with an average rating of 4/5 stars

ZYMBIT

Santa Barbara, CA

Intern Manufacturing Engineer

May 2019 – Sept. 2019

- Formulated and implemented the company's messaging system for emailing its entire customer base
- Assembled tamper-proof Protokit 5 boards for the Raspberry Pi

GROVE LEARNING

Sunnyvale, CA

Intern Project Manager

Summer 2019

- Established and refined the company's primary content vetting system for games and programs
- Organized 25+ user interviews with companies in the educational VR (virtual reality) space

EDUCATION

University of California, Los Angeles (UCLA)

Los Angeles, CA

GPA – 3.9

Anticipated June 2022

Bachelor of Engineering, Computer Science, minoring in Musicology

Coursework: Discrete Structures, Waves and Harmonics, Software Construction Laboratory, Data Structures

- Member of UCLA Men's Ultimate Team, UCLA ACM Game Studio

Dos Pueblos High School

Goleta, CA

GPA – 4.8

June 2019

Dual enrollment with Santa Barbara City College (SBCC)

Coursework: Differential Equations, Linear Algebra, Multivariable Calculus, AP Computer Science, Advanced Spanish

- Vice President & Lead Bass, Dos Pueblos Jazz Choir: Top 8 at Monterey Jazz Festival; Top 3 at Reno Jazz Festival
- Top 9 in the National Economics Challenge; 1st in the CCEE Financial Advisors Contest
- Writing and Math Tutor, Track and Field Throwing Captain

SKILLS

Programming

Java, C++, C, C#, Javascript, Python, Go

Frameworks

React, Redux, Splunk, Prometheus, Git, Express, Android

Tools

Unity, Node.JS, Blender, Docker, Unreal Engine