

Aanand Kainth

CS Undergrad at UC Santa Cruz (<https://akainth.me>)

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EXPERIENCE

Major League Hacking — *Fellow*

FEB 2021 - APRIL 2021, JUNE 2020 - AUGUST 2020

Contracted to work on Facebook Research's self-supervised deep learning system (VISSL), built with PyTorch. Refactored the logging backend to reduce code churn from new changes. First worked on BentoML, a ML model server for big data. Ideated and executed one of the project's largest refactors that halved the amount of code required for a typical contribution.

Plume, Palo Alto, CA — *Intern*

JUNE 2019 - AUGUST 2019

Upgraded the network operations center to ECMAScript6, improved its accessibility, and dramatically reduced load times. Added support for dynamic CORS headers to microservices.

EDUCATION

UC Santa Cruz — Computer Science, BS

OCTOBER 2020 - JUNE 2024

4.0 GPA after 2 quarters as a CS student

PROJECTS

UCSC Rocket Team — *Aerobraking and Payload Team*

As a freshman, I joined the university's rocket team, and designed an embedded flight prediction model and algorithm to dynamically deploy fins and guide the rocket to an exact altitude of 1 mile with a precision of 8 ft in simulations.

Ambient — Open Source IntelliJ Plugin

Open source plugin created in high school to submit assignments to a WebCAT grading system. Is now preferred by the course instructor and receives unsolicited external contributions!

Concept — Google Docs Writing Analysis

Open source add-on for Google Docs to report semantic issues and emotional outliers in documents. Packaged a usable React payload into Google Docs sidebar.

SKILLS

Embedded software with
CircuitPython

Distributed systems and
linear optimization

Relational and nonrelational
databases

Unix/Linux command line

Git

Web server + frontend
development

Mobile application
development (Android)

AWARDS

Dean's Honors in Fall Quarter
2020

LANGUAGES

Python
Kotlin
JavaScript + HTML/CSS
Node.js
Java

LEARNING

Rust
C++