COLM LANG

SOFTWARE ENGINEER INTERN

DETAILS

PHONE
412-716-7253

EMAIL
cplang@dons.usfca.edu

LINKS

LinkedIn

GitHub

SKILLS

Java

C

Python

JavaScript

HTML

CSS

ARM Assembly

Spring

Flask

Git

EDUCATION

BS in Computer Science, University of San Francisco
Aug 2020 — Present

- Major GPA: 3.71 / 4.0
- Overall GPA: 3.56 / 4.0
- Listed on the Dean's Honor Roll every semester

RELEVANT COURSES

Data Visualization, USF
Jan 2022 — Present

Geometry of the Cosmos: Einstein, Black Holes, & The Big Bang, USF
Jan 2022 — Present

Computer Architecture, USF
Aug 2021 — Dec 2021

Data Structures & Algorithms, USF
May 2021 — Aug 2021

C & Systems Programming, USF
Jan 2020 — May 2021

EMPLOYMENT HISTORY

Computer Architecture Teaching Assistant, USF
Jan 2022 — Present

- Utilized strong public speaking skills.
- Brought forth in-depth knowledge of programming principles and paradigms.
- Worked one-on-one with students to address their specific needs.
- Facilitated innovative learning experiences and hands-on learning.

PROJECTS

Satellite AI

Source Code | Deployment

- Created an AI that launches itself into orbit at a specified height
- Utilized the neuroevolution paradigm in JavaScript to train the population of satellites
- Developed graphics and pysics environment using p5.js
- Garnered a deep understanding of Neural Networks and genetic algorithms