

# CAROLINE PANG

Menlo Park, CA 94025

[carolinp@andrew.cmu.edu](mailto:carolinp@andrew.cmu.edu) | (650) 823 5185 | [www.linkedin.com/in/carolinepang-cmu](http://www.linkedin.com/in/carolinepang-cmu)

## EDUCATION

### Carnegie Mellon University

Bachelor of Science in Electrical and Computer Engineering

Additional Major in Human-Computer Interaction

Cumulative GPA: **3.6/4.0**

**Relevant Coursework:** Distributed Systems, Machine Learning, Computer Systems, Web Application Development, Pattern Recognition Theory, Functional Programming, Probability Theory, Computational Data Science, Programming Usable Interfaces, User Centered Research & Evaluation

**Activities:** Engineers Without Borders PET Thatch – Executive Board and Project Lead, RoboClub Quadcopter Team, Formula SAE Racing Team–System Lead (2020), Women’s Basketball Club

### Menlo School

Overall GPA: 4.2/4.0

**AP Coursework (5s):** AP Physics 1, 2, C, BC Calculus, AP Statistics, AP Micro & Macro Econ, AP Latin

Pittsburgh, PA

Expected May 2023

Atherton, CA

June 2019

## WORK EXPERIENCE

### Salesforce, Inc.

*Software Engineering Intern, Summer 2022*

San Francisco, CA

- Designed and implemented multiple new pages for an infrastructure team portal using Vue.js and Go; worked across tech stack to process API data, create interactive data interfaces, and improve caching performance and response time of webpage.
- Led user research for new portal features; interviewed stakeholders from multiple different teams and translated user needs into features to directly provide business value.

### Oracle Corporation – Oracle Cloud Infrastructure

*Software Engineering Intern, Summer 2021*

Bellevue, WA

- Built and deployed a Dockerized canary in Golang to test API endpoints for the Oracle Deployment Orchestrator; this reduced the CI/CD effort to confirm system health and detect major outages before impacting customers.
- Collaborated with team to define and develop rigorous product specification and system design.

### Looma Education

*Team Lead and Software Developer, Summer 2018, 2020*

Menlo Park, CA

- Managed 5 interns in lesson design; programmed games extending educational tool library.
- Designed CAD model integrating hardware for educational system deployed in 20+ Nepali schools.

## PROJECTS & SKILLS

### Programming Projects | Carnegie Mellon University, 2019 – 2022

- Fully designed and implemented a distributed caching proxy emulating C file operations with Java RMI.
- Scraped and preprocessed tweets to construct a binary classifier predicting political affiliation.
- Designed and wrote a playable space themed physics simulation using game AI in Python.

### Foldable Electric Scooter | Spring 2019

- Engineered and built a multi-jointed electric scooter from scratch with an Arduino controlled motor.

**Design Portfolio Link:** <https://tinyurl.com/cp-portfolio>

### Skills

- C, Python, Golang, Java, JavaScript, HTML/CSS, R, Django, Vue.js
- Unix, Git, Docker, Confluence, Jira, Bitbucket
- Figma, Adobe Photoshop & Illustrator, Solidworks, Fusion 360, MATLAB, LaTeX, ggplot