

Inan Xu

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EXPERIENCE

UC Santa Cruz Computer Science and Engineering

Santa Cruz, CA

CSE13s: Computer Systems & C Programming Reader & Tutor

September 2021 - December 2021, April 2021 - Present

- Graded student programs using Linux and provided feedback on code and design documents submissions via Canvas.
- Conducted assignment regrades and answered student questions via email, Discord, and Ed class forum.
- Held office hours via Zoom to answer student questions and assist on coding assignments.
- Communicated with other course staff via group Slack chat and reported suspicious student activity.

PathFinder

Remote

Frontend Developer

August 2021 - Present

- Built JSX components in React and Bootstrap for the PathFinder website.
- Utilized Trello board to track progress and communicate problems and bugs.
- Participated in weekly standup meetings to present progress and coordinate weekly tasks.
- Used Git for pull requests after code reviews and branching when testing and adding new features.

TurnUp Activism

Remote

Software Developer Intern

March 2021 - August 2021

- Developed web application based on existing TurnUp mobile application using React to build JSX elements.
- Utilized Redux-Saga middleware to interface with remote databases and styled components using React Bootstrap.

LMYA Sports Volleyball

Moraga, CA

App Developer

April 2019 - March 2021

- Co-developed app for Android and iOS from scratch in the NativeScript framework to replace paper-based timecards.
- Utilized device camera, Google Forms, and Google Apps Script for QR codes to create a payment system.
- Created Rest API using Google Sheets API for scheduling system to plan sports practices between app and database.
- Used Google Firebase for authentication and Firebase Cloud Functions for programmatic app notifications.
- Deployed betas and updates using TestFlight and Google Play Console and collected user feedback for improvements.

UC Berkeley Academic Talent Development Program

Berkeley, CA

Teaching Assistant Intern

June 2019 - August 2019

- Teaching Assistant for the Programming in Java course during ATDP 2019.
- Responsible for managing a group of five students' progress throughout the class and communicating with the instructor.
- Graded and provided feedback on assignments and answered student questions during class and online via Canvas.

EDUCATION

University of California, Santa Cruz, GPA: 3.94, Dean's Honors

Computer Science, B.S., 2024

Relevant Coursework:

Multivariate Calculus for Engineers

Programming Abstractions in Python

Computer Systems & Assembly Language

Introduction to Data Structures & Algorithms

Computer Architecture

Applied Discrete Mathematics

Machine Learning Basics

Computer Systems & C Programming

Advanced Programming in C++

Introduction to Networking

SKILLS

- C/C++, Java, Python, JavaScript, Node.js, HTML/CSS, React, PHP, MySQL, Git