



# Shea Line

COMPUTER SCIENCE INTERNSHIP

## Objective

Current computer science student with progressive experience writing code and designing solutions. Seeking a challenging role as a New Product Introduction Engineering Intern for Keysight Technologies. Adept at working effectively in fast-paced, deadline-driven settings that demand strong organizational and analytical skills.

## Education

### Computer Science: Game Design, University of California, Santa Cruz, Santa Cruz, CA

SEPTEMBER 2021 — PRESENT

**Relevant Course-Work:** CSE 12 - Computer Systems and Assembly Language, ECE 13 - Computer Systems and C programming, CSE 30 - Programming Abstractions in Python, CSE 40 - Machine Learning Basics, CSE 101 - Data Structures and Algorithms, CSE 150 - Intro to Computer Networking, CMPM 178 - Human Centered Design Research

## Academic Projects

### ECE 13 - Computer Systems and C Programming

- Wrote embedded C programs on a 32-bit micro-controller (MicroChip PIC32).
- Designed a finite state machine for a simulated toaster oven on the PIC32.
- Worked with a partner to develop the libraries and agents necessary for a two-player game of Battleship between two micro-controllers. This included creating a "Message" interface that used the UART protocol in order for the PIC32s to communicate throughout the game.

### CMPM 178 - Human Centered Design Research

- Effectively worked with a 5 person team to make deep observations about specific user needs.
- Learned and applied low-fidelity prototyping techniques to design a solution for those needs and engaged with users to collaboratively refine product ideas.
- Learned and used digital prototyping tools to create high-fidelity mock-ups.

## Employment History

### Crew Member and Trainer, Chipotle, Santa Cruz, CA

JULY 2023 — PRESENT

- Promoted to trainer within two months of working.

### Front of House, Korbelt Gourmet Delicatessen, Guerneville, CA

MAY 2019 — SEPTEMBER 2022

- Started as a dishwasher and was promoted twice.
- Assisted in the day-to-day operations including restocking ingredients and preparing all food and drinks for customers.
- Provided excellent customer service and was proficient in the Toast POS system.

### Concrete Installer, Austin Creek Materials, Santa Rosa, CA

APRIL 2021 — JUNE 2022

## Details

Santa Cruz, California  
(707)-479-6922  
[sline@ucsc.edu](mailto:sline@ucsc.edu)

## Activities

Executive Council of Sigma  
Pi Fraternity, Golf, Basketball,  
Camping/Outdoors, Technology,  
Volunteering

## Skills

Programing Languages- C, C++,  
Python  
Familiar with Linux environments  
Graphic Design  
Customer service and multitasker