

# Andrew Jeter

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## Education

**University of California, San Diego** – B.S. in Computer Engineering – 3.10 GPA

June 2026

**University of California, San Diego Extension** – Certification in iOS Programming

May 2021

## Technical Skills

**Programming:** C, C++, Java, Python, ARM, TypeScript/JavaScript, SwiftUI, UIKit, SystemVerilog, MATLAB

**Processes:** Agile (Scrum), Git, GitLab, CI/CD, Code Review, Documentation, Debugging, Jekyll

**Tools:** Quartus Prime, ModelSim, LTSpice, Oscilloscope, Waveform Generator, Digital/Analog Multimeter

**Methods:** Collaborative Problem Solving, Dynamic Leadership, Easily Adaptable

## Projects

### Personal Portfolio Website

[www.andrewcjeter.com](http://www.andrewcjeter.com)

*React, TypeScript, TailwindCSS, Cloudflare, Git, Github Pages*

- Designed a portfolio website to display my current projects, completed coursework, and social links.

### HoloLens ASL Translator

CSE 118 - Ubiquitous Computing

*Python, Unity, GitLab, Microsoft HoloLens 2*

- Worked in an Agile team with Scrum to develop a HoloLens ASL translator, and trained a Python ML algorithm used for recognizing 26 ASL alphabet letters. Translated text displayed on a local webserver.

### RISC-Style ISA Processor (AJUSH)

CSE 141L - Project in Computer Architecture

*SystemVerilog, Quartus Prime Lite, ModelSim/Quartus, Python, Git*

- Designed and verified a custom 9-bit, 8-bit-datapath load/store RISC-style processor (AJUSH) including a PC jump LUT, load/store DMEM interface, and start/done multi-program control.
- Built and validated a Python assembler by executing workloads for closest-pair Hamming distance (min/max), and signed shift-and-add multiplication (2-term + 3-term, 16/24-bit results).

## Extracurriculars

### IEEE-Eta Kappa Nu (HKN) Honor Society - Outreach, UC San Diego, CA

Spring 2023 – Present

*HKN Outreach | CSE Outreach Chair*

Spring 2025 – Present

- Lead and manage a course of CSE 198, with 15+ students in Fall 2025 developing and presenting STEM lessons to socioeconomically disadvantaged K-12 students in San Diego. This is a full year position.
- Created 4 lessons, presented to over 100 students, developing a new course structure for 2026.
- Built WI26 CSE 198 course site for 20+ students & 40+ events: [www.andrewcjeter.com/cse198-wi26](http://www.andrewcjeter.com/cse198-wi26).

## Experience

### Technical Operations Specialist, Style Gifts, Ltd. – San Diego, CA

Jan 2024 – Present

- Utilize quote templates and item lists for sales, reducing back-and-forth w/clients, cutting turnaround.
- Troubleshoot day-to-day technical issues (email, printers, shared drives, software) reducing downtime.

### Shift Supervisor, Starbucks Corp. – San Diego, CA

Sep 2023 – Nov 2023

- Led successful shifts of 10-20 partners & exceeded store time goals with effective communication.
- Collaborated with store and district managers to exceed customer satisfaction and service time goals.

### Barista Trainer, Starbucks Corp. – San Diego, CA

Aug 2021 – Sept 2022 & Jan 2023 – Sept 2023

- Trained 15+ new baristas on all company policies, procedures, recipes, and the Starbucks Experience.
- Developed training plans for trainees with varying levels of customer experience and learning styles.