Alan Tram

Design Technologist | Web Developer | UI/UX Designer

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🌐 [Portfolio](#)

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Personal Info

Multifaceted Designer and Programmer with experience working on both Front-End and User Interfaces. Ample experience working with teams as both a leader and as a main contributor.

Programming Skills

OOP Programming	Databases
Web Design	JSON & SFV Knowledge
Agile Knowledge	Web Components
Data Structures	Back End Familiarity
Git & Version Control	Environment Set Up

Programming Languages and Frameworks/Libraries

HTML	Javascript
CSS	Node.js
Handlebars	Java
C++	Python
Bootstrap	JQuery
AJAX	

Design Skills

Prototyping	Graphic Design
Storyboarding	Heuristics
Wireframing	User Flows
Journey Map	Photoshop
Animations	UX Testing
Mobile App Design	Gantt Chart

Experience

▸ **Sony Connected Learning Pathways Intern** Aug 2021 - Nov 2021

- Partnered with Sony UI/UX Designers to research areas of improvement for TV to smartphone personalizations.
- Created a Physical Prototype of a TV Remote with Video Game controller abilities

▸ **ReCode Health UI/UX Researcher and Developer** Aug 2021 - Present

- Using Discourse and React to create a Community Forum and Resource Library of various Digital Health works.
- Created a variety of visualizations for the team to utilize in our user focused development.

▸ **Haijun Xia Apprenticeship, Programmer and Designer** Dec 2019 - April 2020

- Research Topic: Creating a collection of animation templates to be opened to the public via automating the animation through means of coding.
- Cleaned large amounts of data (CSV and XLSX) to deduce best animations

▸ **Elizabeth Eikey Apprenticeship, Programmer and Designer** Jun 2020 - Present

- 1st Research Project: Redesigned UCSD affiliated website (CAPS). Led a team of UX/UI Designers and transitioned wireframes into code
- 2nd Research Project: Created and led a Human Centered Design Workshop. The Paper was published under the iConference 2022, and a presentation will be given out early 2022.

▸ **Ultimate Labs, Intern** May 2018 - Jan 2020

- Technical support for computers and biotech machinery
- Communicated with partnered company specializing in coding lab friendly applications (LIMS)
- Administrator for creating online courses and organizing standard operating procedures (SOPs)

Education

▸ **Cognitive Science with focus in Human Computer Interaction** Sep 2018 - June 2022

- Major at University of California San Diego
- Major GPA: 3.74
- Contributed to many academic projects such as App Designing and User Analysis

▸ **Computer Science** Sep 2018 - June 2022

- Minor at University of California San Diego
- Algorithms, Data Structures, Run Time Analysis, Compilers, Debugging
- In project based CSE Courses, was often a main candidate for the Front-End, Project Management, and Designing roles.