

Tri Lam

Salt Lake City, UT, 84129 • 801-803-2686
tri_duc_lam@hotmail.com • [LinkedIn](#) • [GitHub](#)

TECHNICAL SKILLS

Development: ReactJS, JavaScript, NodeJS, Express, MongoDB, HTML, CSS, PUG, Webpack, Agile Framework

Design: Adobe Photoshop, Illustrator, After Effects, AutoCAD, Maya, Substance Painter, Unity

Office: Azure, Excel, PowerPoint, Teams, Word

EDUCATION

Odin Project

Salt Lake City, UT

Full Stack JavaScript Web Developer

September 2021 – Current

- The Odin Project is a free online learning platform that teaches full stack web development. It covers HTML, CSS, JavaScript, and more through a self-paced, project-based curriculum.
- Created 34 projects, ranging from beginner to expert level difficulties, to develop a well-rounded skill set as a full-stack developer. These projects are visible in the GitHub link above

University of Utah, School of Entertainment Arts and Engineering

Salt Lake City, UT

Bachelor of Film and Media Arts (Entertainment Art Engineering Emphasis)

- Relevant Course: Foundations of CS, Object-Orient Programming, Intro to Game Design, 3D Modeling, 3D Texture, Concept Art

PROJECTS

Inventory Management Application – Full Stack

- Built an adaptive and user-friendly interface using ReactJS to store inventory items in video games. Included a special feature to randomly generate items for user to discover while using the application.
- Developed a CRUD (Create, Read, Update, Delete) application using Express/NodeJS/MongoDB.
- Implemented advance database connectivity techniques, empowering applications to store and retrieve data with efficiency and accuracy.

Southwest UVSA E-commerce Web Application – Frontend

- Created a parallax, dynamic, interactive front-end application using ReactJS, complemented by CSS, to ensure seamless functionality across all screen sizes.
- Constructed reusable components to ensure maintainability and scalability for future business growth.
- Deployed the application to a robust web server or hosting platform ensuring accessibility and availability.

UX Designer Portfolio – Frontend

- Partnered with a UX designer to develop a professional portfolio website to showcase designer's skills and projects.
- Produced a responsive, visually appealing, and intuitive interface using ReactJS.
- Conducted thorough testing and debugging to ensure optimal user experience.
- Continuously updated and optimized the portfolio based on user feedbacks and performance metrics.

EXPERIENCE

Freedom Forever

Salt Lake City, UT

Design Engineer

April 2023 – Present

- Develop detailed design plans for solar power systems, including electrical and mechanical components.
- Conduct site assessments and feasibility studies to determine the suitability of a location for a solar installation.
- Create technical specifications and schematics for solar panel arrays, inverters, and energy storage system.
- Work with project managers, contractors, and installation teams to ensure designs are implemented correctly and on time.

Tesla

Draper, UT

Energy System Designer II

December 2019 – December 2021

- Designed and developed residential solar systems and layouts using AutoCAD and proprietary software.
- Created efficient and aesthetically pleasing designs for Solar Roof, Powerwall, and residential photovoltaic (PV) systems.
- Adhered to local and international codes and standards for residential PV and storage systems.
- Collaborated with software development teams to improve design tools and automation processes.
- Conducted site assessments and analyzed power usage to recommend customized solar solutions to clients.

Southwest UVSA

West Jordan, UT

Media Coordinator

June 2018 – August 2019

- Developed art, branding, graphic design, and maintained social media presence.
- Assembled frontend web application for online merchandise store.
- Archived all graphical files and information in an organized manner.
- Participated in presentations and client meetings to discuss design concepts, provide insights, and build relationships