Dallas Giles

Murray, Utah 84107

385-321-0854

dallascgiles@gmail.com
[Bold Profile]
[LinkedIn]
[Github]

Full-stack developer passionate about creating impactful applications, with experience in web development, charity-focused projects, and collaborative platforms. Skilled in the full development cycle from frontend to backend, with a commitment to agile practices and community-driven solutions.

Skills

- Python
- HTML
- CSS
- JavaScript
- SQL
- Node.js
- Express
- React
- Sequelize
- MERN Stack
- MongoDB
- Google Firestore
- Git
- VS Code
- Firebase Hosting
- Stripe
- AWS
- Agile Development
- Unit and Integration Testing
- Market analysis

Work History

Co-Founder
Print-A-Smile Foundation, Murray, Utah   *October 2024 - Current*

- Developed a charity platform that enables secure donations through Stripe, supporting a 3D printing initiative that provides toys to children during the holidays.

- Established a charity focused on 3D printing toys for children during the holidays, with long-term plans to expand community-driven toy donations.

Sales Associate
Sun and Ski Sports, Park CIty, Utah   *January 2024 - Current*

- Pivoted to new challenge as the company needed it. Helped customers find the correct product in timely manner.

Shipping and Receiving
Sun and Ski Sports, Murray, Utah   *March 2023 - January 2024*

- Managed inventory operations and customer service in high-traffic retail environments, with approximately 40 orders daily. Exceeding performance goals and enhancing team workflow through improved logistics

- Maintained documentation of shipping and receiving packages using Kibo.

Education

Web Development Bootcamp in HTML, CSS, Bootstrap, JavaScript, APIs, jQuery, AJAX, JSON, Progressive Web Apps (PWA), Node.js, Express, React, MERN Stack, SQL, NoSQL, Sequelize, MVC architecture, Agile methodologies, testing (unit, integration), and core CS concepts. August 2023
University of Utah at Salt Lake City, Utah

Projects

Personal Website

Designed and developed a **responsive** front-end portfolio website using **React.js**, **HTML**, and **JavaScript** to showcase professional projects and skills. Styled with **CSS** and **TailwindCSS** to enhance user experience and ensure mobile responsiveness. Deployed and hosted on **GitHub Pages** for easy accessibility.

Shape Detection Using Convolutional Neural Networks (CNN)

Engineered a **Python**-based application to classify geometric shapes (circles, squares, triangles) using a **Convolutional Neural Network** (CNN) built with TensorFlow and Keras. Created a synthetic dataset with OpenCV and applied **data augmentation** techniques to improve model generalization. Optimized model training with hyperparameter tuning and **dropout regularization**, achieving **96%** test accuracy.

Extracurricular Activities

Co-Founder, Print-A-Smile Foundation, Established a charity focused on 3D printing toys for children during the holidays, with long-term plans to expand community-driven toy donations.