

ANDREW LOWELL RICHARDSON

FULL-STACK DEVELOPER

CONTACT

Provo, UT

GitHub: andrewlowell

LinkedIn: andrew-lowell

PROFESSIONAL SKILLS

React.js

Redux

Node.js

Express.js

HTML

CSS

JavaScript

Python

Auth0

EDUCATION/ TRAINING

Lambda School

Based in San Francisco, CA

Completed January 2020

Completed an intensive 9-month full-stack web development and computer science course studying full-time remotely from Provo, UT

Brigham Young University

Provo, UT

Completed Introduction to Computer Systems, Introduction to Computer Programming, and Data Structures and Algorithms (9 credits) and coursework for a Russian major

PROJECTS

HIRE LAMBDA STUDENTS | hirelambdastudents.com

React.js, Redux, Node.js, Express.js, PostgreSQL

A secure platform that allows students to showcase their most impressive projects and coding skills. Hiring managers search the site by location and skill to find perfect interview candidates for their companies' needs.

- Collaborated with 5 full-stack team members during a 5-week sprint
- Implemented features and debugged code on the front end and back end
- Learned and integrated Auth0, a secure third-party authentication solution
- Spearheaded search and filtering functionality to help users identify potential hires
- Organized pair programming sessions to increase team unity and efficiency

PICASSO PAINTED IT | picasso-frontend.netlify.com

React.js, Redux, Node.js, Express.js, PostgreSQL, DeepAI API, Flask, Python

A website that transforms user-uploaded images into the style of selected Picasso paintings using neural style transfer. Displays modified images on a public gallery page.

- Contributed to a cross-functional team of 5 full-stack developers and 4 data scientists on a week-long project
- Applied JSON web token technology to user credential authentication
- Wrote API calls and endpoints to facilitate information flow between the React front end and the neural style transfer service

SPOTIFINDER | spotifyfinder.ml

React.js, Redux, Node.js, Express.js, PostgreSQL

A recommendation engine that helps users discover music from a Kaggle dataset of Spotify songs. The application employs a KDTREE algorithm to process audio features of a user-selected song and produce a list of 10 highly similar tracks.

- Participated in an interdisciplinary team of 5 full-stack developers and 4 data scientists on a week-long project
- Created a user dashboard to display song data visualizations, similar-song recommendations, and an audio preview widget
- Made critical changes on a tight deadline to support team lead after Spotifyfinder was selected for inclusion in Lambda School's first showcase event for hiring managers

EXPERIENCE

SECTION LEAD, LAMBDA SCHOOL

Remote from Provo, UT | October 2019-January 2020

- Served in a position of significant accountability and trust
- Handled all administrative/organizational duties necessary to execute Lambda School's mission in a cohort of approximately 80 students
- Directed the work of 8 team leads, holding daily stand-up meetings and serving as the first point of contact for questions and concerns
- Made disciplinary decisions based on attendance and academic progress reports
- Identified struggling students and provided individual support

TEAM LEAD, LAMBDA SCHOOL

Remote from Provo, UT | May-June 2019

- Led a 5-person team and a 7-person team concurrently, helping them apply Agile methodology to complete their 5-week Lambda School capstone projects
- Conducted daily standup meetings to coordinate work on shared GitHub codebase; reviewed 10-20 student pull requests daily
- Ran online office hours 5-10 hours per week for students working to fix difficult bugs; held weekly one-on-ones to review individual progress and discuss concerns
- Resolved conflicts and promoted a cohesive, professional team environment
- Helped teams polish presentations for biweekly check-ins with technical manager
- Coordinated with leadership to communicate clear expectations and deadlines in an environment of rapidly-evolving stakeholder requirements