



Technical Skills

- React
- JavaScript
- HTML
- CSS/SCSS
- Express
- Node
- MySql
- MongoDB
- Material UI
- Bootstrap
- Handlebars
- Github
- Heroku

Determined, junior level coder versed in many coding languages with proficiency in the front end frameworks. Offers a unique adaptability, stemming from a heavy background in technical skills, complex systems, and analysis. Strong customer service background from many years in health care.

Projects

Java4JavaScripters

<https://java4jsrs.herokuapp.com/>

This is a MERN application that details our mock company's e-commerce store. We built the back end, front end, and of course made it jive. Or java. Technologies used: MongoDB, Express, React, GraphQL, Material UI.

ChartMD

<https://chartmd.herokuapp.com/>

This is a full-stack application that acts as an electronic practice management system for a simulated doctor's office.

Technologies used: Express, MySQL, Handlebars.

Belly-Buster

<https://humesandrew.github.io/Belly-Buster/>

This application allows you to look up breweries in any city in America. A map is included as well, should you have a few too many of such breweries.

Technologies used: JavaScript, HTML/CSS

Portfolio - React

<https://andyhumesportfolio.herokuapp.com/>

My portfolio using React and Sass.

Portfolio – JavaScript

<https://humesandrew.github.io/portfolio3/>

My portfolio using vanilla JavaScript and CSS.

Express Note Generator

<https://dashboard.heroku.com/apps/murmuring-spire-00858>

An application to track your list of to-do items, using a convenient note-taking system.

Technologies used: Express, Node

Education

Certificate of
Completion: Full Stack
Coding Bootcamp

*University of Denver
May, 2022*

Master of Biomedical
Science

Colorado State University

Bachelor of Science:
Molecular Biology

The Ohio State University

Bachelor of Arts:
Anthropology

The Ohio State University

Volunteer

The Foundation Fighting
Blindness

*2018 - present
Professional Outreach Chair*

Chapter Leader - Colorado

True Independence

*2018 - present
Secretary*

Experience

Ophthalmology

2014 - current

- Worked with patients to address their chief complaints and clearly communicated this information to the physicians.
- Ensured a professional demeanor while preparing patients for challenging procedures, conditions, and diagnostic tests.
- Extensive user experience with multiple software systems: electronic health records (EHRs), electronic practice management (EPMs), and electronic data capture (EDCs).
- Assisted the daily operation and coordination of clinical trials on site.
- Developed an electrodiagnostic eye laboratory, performed the tests, and optimized the diagnostic process.
- Arranged low-vision and accessibility services with local providers.
- Ensured that the clinic and our documentation was compatible with accessibility requirements.
- Academic and research activities including paper writing, database management, and statistics.

*Colorado Cataract and Laser
Aurora, CO*

January 2022 - current

*Colorado Eye Consultants
Littleton, CO*

May 2019 - November 2021

*Colorado Retina Consultants
Denver, CO*

July 2014 - January 2019

- *Certified Ophthalmic Technician*
- *Clinical Research Coordinator*
- *Assistant Clinical Manager*
- *Certified Ophthalmic Technician*
- *Ocular Genetics Coordinator*
- *Lead Technician*
- *Certified Ophthalmic Technician*

Biotechnology

2009 - 2014

- Performed experiments at the lab bench in a variety of disciplines, including molecular biology, genetics, biochemistry, and microbiology.
- Kept meticulous records and analyzed massive sets of data, especially focused on genetics.
- User experience with laboratory information systems (LIMS).
- Processed samples for analysis using highly technical scientific procedures.
- Gave input and analysis on designing experiments and optimizing production.
- Performed statistical analysis. Presented research updates to small groups.

*SomaLogic, Inc.
Boulder, CO*

Research Assistant I - DNA Sequencing

*Mitomix, Inc.
Aurora, CO*

Research Assistant I - DNA Sequencing

*The United States Bureau of Reclamation
Lakewood, CO*

Research Assistant - PCR Specialist

*The Ohio State University
Columbus, OH*

Research Assistant - Biochemistry