Andy Humes

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LinkedIn: https://www.linkedin.com/in/andy-humes-72075559
GitHub: https://github.com/humesandrew
Portfolio: https://humesandrew.github.io/portfolio3

Junior developer based out of Denver, CO. Recently finished entry-level software training, front end and back end, and eagerly looking to begin a new career chapter. The analytical skills I learned in molecular biology readily transferred to the technical nature of coding: I work well within systems. From anatomy to DNA to JavaScript, I work best when organizing a deluge of data and analyzing how a system handles it. Coming from a healthcare environment, thorough customer service comes naturally.

Technical Skills

Frontend: *HTML, CSS, Javascript, Bootstrap, React, Material UI*
Backend: *MySQL, MongoDB, Express, ReactJS, Node, Handlebars*

Projects

Java4JavaScripters *| https://github.com/stuartwood2010/SW_Java4Javascripters |*
https://java4jsrs.herokuapp.com
- *This is a MERN application that details a mock company's e-commerce store. Our team built the back end, front end, and of course made it jive. Or java.*
- *Technologies used: MongoDB, Express, React, GraphQL, Material UI.*

ChartMD *| https://github.com/stuartwood2010/chartMd_app | https://chartmd.herokuapp.com*
- *This is a full-stack application that acts as an electronic practice management system (EPM) for a simulated doctor's office*
- *Technologies used: Express, MySQL, Handlebars*

Belly-Buster *| https://github.com/humesandrew/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*

Experience - Ophthalmology

Certified Opthalmic Technician *2014 - current*
Colorado Cataract and Laser, LLC. Aurora, CO. January 2022 – current
Colorado Eye Consultants. Littleton, CO. May 2019 – November 2021
Colorado Retina Associates. Denver, CO. July 2014 – January 2019
- *Worked with patients to address their chief complaints and clearly communicated this*

information to the physicians. Assisted the daily operation and coordination of clinical research trials.

- *Extensive user experience with multiple software systems: electronic health records (EHRs), electronic practice management (EPMs), and electronic data capture (EDCs).*
- *Developed an electrodiagnostic eye laboratory, and optimized the diagnostic process.*
- *Arranged low-vision and accessibility services with local providers. Ensured that the clinic and our documents were compatible with accessibility requirements.*
- *Academic and research activities including paper writing, database management, and statistics.*

Experience - Biotechnology

Research Assistant *2009 - 2014*

SomaLogic, Inc. Boulder, CO. Research Assistant I – DNA Sequencing

Mitomics, 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

- *Performed experiments at the lab bench: 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).*
- *Performed statistical analysis. Presented research updates to small groups.*

Education

University of Denver. Denver, CO. Graduated May 2022

Certificate in Full Stack Web Development

Colorado State University. Fort Collins, CO. Graduated 2013

Master of Biomedical Science

The Ohio State University. Columbus, OH. Graduated 2008

Bachelor of Science: Molecular Biology

Bachelor of Arts: Anthropology

Volunteer

The Foundation Fighting Blindness. Colorado Chapter. 2018 - current

Chapter Leader and Professional Outreach Chair

True Independence. Denver, CO. 2018 - current

Secretary

References - *available on request*