Andy Humes

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GitHub: https://github.com/humesandrew
Portfolio: https://delightful-jelly-2784f1.netlify.app/

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 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

Certified Opthalmic Technician

Colorado Cataract and Laser, LLC. Aurora, CO. January 2022 – September 2022

- *Completed ophthalmic testing procedures to assess patients' current functionality.*
- *Utilized Electronic Practice Management (EPM) and Electronic Health Records (EHR) software to record and document patients' medical history, complaints, and concerns.*

- *Conducted diagnostic assessments to help ophthalmologists make skilled assessments.*

Clinicial Research Assistant
Colorado Eye Consultants. Littleton, CO. May 2019 – November 2021
- *Managed documentation, including clinical research data worksheets, shared drive, clinical research files, and Electronic Data Capture (EDC).*
- *Maintained research data, patient fields, regulatory binders and study databases for organization and quick reference.*
- *Screened potential subjects, reviewed medical records and discussed histories with physicians to determine subject eligibility.*
- *Continuously monitored studies to verify compliance with protocols and regulatory standards, ensuring compliance with legal standards.*

Ocular Genetics Coordinator
Colorado Retina Associates. Denver, CO. July 2014 – January 2019
- *Developed an electrodiagnostic eye laboratory and performed the tests, bringing what would be outside referrals to on-site appointments.*
- *Arranged low-vision and accessibility services with local providers.*
- *Ensured that the clinic environment and our documentation was compatible with accessibility requirements.*
- *Coordinated academic and research activities including paper writing, database management, and statistics.*

Research Assistant
SomaLogic, Inc. Boulder, CO. October 2013 - February 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, using Laboratory Information Systems (LIMS).*

Research Assistant
The United States Bureau of Reclamation. Denver, CO. October 2013 - February 2014
- *Performed experiments at the lab bench focusing on the genetics of invasive aquatic species.*
- *Performed statistical analysis. Presented research updates to small groups*

Research Assistant
The Ohio State University. Columbus, OH.. October 2009 - July 2010
- *Performed experiments at the lab bench focusing on production of a putative neuropoison antidote.*
- *Performed statistical analysis. Presented research updates to small groups*

Education

University of Denver. Denver, CO. Graduated May 2022
Certificate of Completion: 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

The Ohio State University. Columbus, OH. Graduated 2008
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*