

# Andy Humes

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*Denver, CO*

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\\_Java4Javascrpters](https://github.com/stuartwood2010/SW_Java4Javascrpters) |

<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://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 Ophthalmic 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**