# Andy Humes

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*Denver, CO*
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GitHub: https://github.com/humesandrew
Portfolio: https://andyhumesportfolio.netlify.app/

As a junior software developer based out of Denver, CO, I am eager to begin a new chapter in my career. Recently completing entry-level software training in both front-end and back-end development, I'm excited to apply my skills and knowledge to real-world projects. My background in molecular biology has provided me with strong analytical skills that have readily transferred to the technical nature of coding. I excel in organizing and analyzing large amounts of data within systems, and my experience in healthcare has instilled in me a strong customer service mindset. I am excited to bring my unique perspective and skills to a dynamic team.

## Technical Skills

Frontend: *React, HTML, CSS, Javascript, Bootstrap, Material UI*

Backend: *MySQL, MongoDB, Express, Node, Handlebars*

## Projects

***The MERN Blog*** *| https://github.com/humesandrew/The-MERN-Blog- | https://the-mern-blog-frontend.onrender.com/*

- *This is blog application that uses the MERN stack to sign up users, authenticate them, and allow them to see and post blog entries.*
- *Technologies used: MongoDB, React, Material UI, Express, Node*

***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, Node, Handlebars, Javascript*

***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 – Current*

- *Conducted comprehensive ophthalmic testing procedures to assess patients' visual capabilities and identify any potential issues, contributing to accurate diagnoses and effective treatment plans.*
- *Proficient in utilizing advanced Electronic Practice Management (EPM) and Electronic Health Records (EHR) software to maintain accurate and thorough records of patients' medical history, complaints, and concerns, enabling effective and efficient patient care.*
- *Acted as a technical expert, providing software and equipment support to other departments and troubleshooting technical issues to ensure smooth operations.*

### *Clinicial Research Assistant*

*Colorado Eye Consultants. Littleton, CO. May 2019 – November 2021*

- *Demonstrated strong organizational skills as a clinical research assistant, managing and maintaining detailed and accurate records of clinical research data worksheets, study databases, clinical research data, and Electronic Data Capture (EDC), playing a key role in the successful completion of clinical research studies.*
- *Acted as a critical member of the clinical research team, by efficiently screening potential subjects, reviewing medical records, and consulting with physicians to determine subject eligibility for the research studies.*
- *Consistently monitored ongoing clinical research studies to ensure compliance with protocols and regulatory standards, proactively identifying and addressing any discrepancies to ensure compliance with legal requirements.*

### *Ocular Genetics Coordinator*

*Colorado Retina Associates. Denver, CO. July 2014 – January 2019*

- *Demonstrated leadership and initiative by developing an electrodiagnostic eye laboratory, performing the tests, and bringing what would have been outside referrals to on-site appointments, resulting in improved patient care and satisfaction.*
- *Acted as an advocate for accessibility and inclusion by proactively ensuring that the clinic environment and all documentation met or exceeded accessibility requirements, creating a welcoming and accessible experience for all patients.*
- *Led the coordination of academic and research efforts, by effectively managing tasks such as paper writing, database management, and statistics.*

## Education

*University of Denver. Denver, CO. Graduated May 2022*

*Certificate of Completion: Full Stack Web Development*

*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*