

# Andy Humes

*humes.andrew@gmail.com*

*LinkedIn: <https://www.linkedin.com/in/andy-humes/>*

*GitHub: <https://github.com/humesandrew>*

*Portfolio: <https://humesandrew.my.canva.site/>*

Software developer based in Denver, CO, with a passion for coding and a drive to excel in my career. Equipped with comprehensive training in both front-end and back-end development, I possess a solid foundation to tackle real-world projects. With a background in molecular biology, I bring strong analytical abilities that seamlessly translate into the technical realm of coding. Proficient in organizing and analyzing large volumes of data, I offer a unique perspective combined with a customer service mindset fostered through my experience in healthcare. I look forward to joining a dynamic team where I can contribute my skills and expertise to drive impactful results.

## Education

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

*Certificate of Completion: Full Stack Software Development*

*The Ohio State University. Columbus, OH.*

*Bachelor of Science: Molecular Biology*

*Bachelor of Arts: Anthropology*

## Technical Skills

*React.js, Material UI, HTML, CSS, Javascript, Bootstrap, MongoDB, MySQL, Express, Node, Handlebars, Git, Jest, Postman, Object-Oriented Programming (OOP), Scrum, RESTful Architecture, MVC Architecture, Test Driven Development (TDD), Web Content Accessibility Guidelines (WCAG)*

## Experience

### **Full Stack Software Developer**

*Full Stack Software Engineering Boot Camp. University of Denver. October 2021 – Current*

*Worked as a full time student for this intensive, 6 month software boot camp. Initiated self-directed learning and team-based collaboration to create projects. Find some examples of my work below.*

- *College Cooking | <https://github.com/humesandrew/The-MERN-Blog-> | <https://the-mern-blog-frontend.onrender.com/>*
  - *Used the MERN stack to create a blog about cooking for cheap. Users sign up, login, are authenticated with JSON Web Tokens (JWT), and post budget-friendly recipes.*
- *Brewery-Buster | <https://github.com/humesandrew/Brewery-Buster> | <https://brewery-buster.netlify.app/>*
  - *A front end application that uses React, Material UI, and the OpenBrewery API to generate a map with local breweries near you.*
- *Professional Portfolio | <https://github.com/humesandrew/andyhumesportfolio> | <https://andyhumesportfolio.netlify.app/>*
  - *My professional portfolio of projects, credentials, and skills. Built with React and Material*

### **Certified Ophthalmic 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.*

### **Clinical 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.*