

# BRIE ANN BROCATO

Computer Science Major and MATH Minor • University of Colorado Boulder  
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## EDUCATION

### University of Colorado at Boulder

BS Computer Science and Mathematics Minor

**GPA: 3.7**

*Expected May 2027*

## TECHNICAL SKILLS

**Languages:** C/C++, HTML, CSS, JavaScript, SQL (Postgres)

**Developer Tools:** Git, L<sup>A</sup>T<sub>E</sub>X, Figma, Bootstrap

**Relevant Coursework:** Database Systems, Numerical Computation, Human-Computer Interaction, Algorithms, Software Development Methods, Computer Systems, Data Structures, Computer Science: Field of Work and Study, Starting Computing

## EXPERIENCE

### Senior Back-wait

*Greenbriar Inn*

June 2025 – Present

*Boulder, CO*

- Promoted from Junior to Senior Back-waiter within one month in recognition of reliability and performance
- Support fine dining operations for weddings and large-scale events by coordinating with servers and kitchen staff to maintain service flow
- Trained multiple new hires in procedures, timing, and service etiquette to ensure smooth event operations

### Server/Hostess

*Olive Garden*

May 2024 – Present

*Golden, CO*

- Awarded Outstanding Employee of the Month (Dec 2024) for performance and teamwork
- Trained new hosts on guest management systems, seating protocols, and best practices for customer interactions
- Provided exceptional customer service in a fast-paced, team-oriented environment

### Appraisal Assistant

*Lightspeed Appraisal Group*

May 2019 – August 2023

*Golden, CO*

- Prepared and formatted detailed residential appraisal reports
- Conducted research for comparative market analysis to identify trends of similar home sales
- Captured and organized photographs of properties to support appraiser documentation

## PROJECTS & CERTIFICATIONS

### Oracle Cloud Infrastructure AI Foundations Associate

- Earned official Oracle certification demonstrating foundational knowledge in cloud computing, machine learning, and AI services within OCI
- Validated understanding of AI model deployment, data lifecycle management, and responsible AI principles in Oracle Cloud

### Personal Portfolio Website | C++, JavaScript, HTML, CSS

- Developed a responsive, fully custom personal website from scratch without frameworks, showcasing strong front-end and C++ backend integration
- **View live:** [www.briebrocato.app/](http://www.briebrocato.app/)    **Source:** [github.com/briebrocato1](https://github.com/briebrocato1)

### Bouldering Buffs | PostgreSQL, Handlebars, HTML, CSS, Render, NodeJS

- Collaborated with a 4-person team to develop a dynamic climbing community website that integrates real-time climbing route data from a public API
- Implemented API requests and asynchronous JavaScript to fetch and render climbing routes, gym data, and user statistics
- Built interactive group features allowing users to message other climbers and share routes
- Deployed full application via Render for automatic updates
- **Live:** [bouldering-buffs.onrender.com](https://bouldering-buffs.onrender.com)

### CU Degree Audit Redesign | Figma, UI/UX Design, Prototyping

- Redesigned the University of Colorado's Degree Audit interface to improve navigation and clarity for students
- Conducted a heuristic analysis of the original interface and identified key usability pain points
- Created a fully interactive prototype in Figma showcasing streamlined layouts, visual progress tracking, and responsive design
- **Interactive Prototype/Analysis:** <https://www.figma.com/Project3>