

Brice Allen

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EDUCATION

- **University of Colorado Boulder** Boulder, CO
Masters in Computer Science Current
- **University of Colorado Denver** Denver, CO
Bachelors in Computer Science; Dean's list 2019 – 2022
- **Community College of Denver** Denver, CO
General Studies; Dean's list 2017 – 2019

PROJECTS

- **Music Recommendation System:** Exploratory Data Analysis (EDA) and K-Means Clustering
- **Daily Doses:** Semester-long group project exploring software engineering principles.
- **8-puzzle:** Golang solution to the 8-puzzle problem using breadth-first search and A* search.

PROGRAMMING SKILLS

- **Languages:** C++, C, C#, Python, Julia, Rust, Go, JavaScript, MASM
- **Technologies:** Git, Linux/Unix, Docker, Gradle, AWS, Azure, SQL, macOS, Windows, 3D Printing, Virtual Reality, Augmented Reality, Continuous Integration/Delivery, MLOps

EXPERIENCE

- **Auraria Campus** Denver, CO
Student Assistant 2017 – 2019
 - **Creative Technologist:**
 - * Integrated technology into the classroom.
 - * Duties include web editing/design, video editing, photography, graphic design, and creating content for digital platforms.
 - * Personally maintained inventory for all maker space materials, tools, and equipment, including hardware and software.
 - * Provided one-on-one attention to students while maintaining overall focus on the group.
 - **Information Technology:**
 - * Provided technical support for applications.
 - * Responded to help-desk calls and documented solutions.
 - * Trained users in PC hardware/software and networks.
- **Hospitality Industry** Various Locations
General Manager | Sommelier | Wine Director 2005 – 2018
 - **Sommelier | Wine Director:**
 - * Certified Sommelier & Advanced candidate
 - * Managed a front-of-house staff ranging from six to eighty employees.
 - * Requisitioned all materials and supplies needed for front-of-the-house operations.
 - * Managed multi-million dollar wine inventories.
 - **General Manager:**
 - * Managed budget and payroll.
 - * Led each shift into service, prepared for success.
 - * Utilized social media to reach marketing goals.
 - * Implemented custom Point of Sales software.
 - * Designed and maintained company websites.
 - **Consultant:** Acts as a discreet, private wine buyer for elite clientele across three states.