Jack Brennan

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 github.com/jackbrennan222 | linkedin.com/in/jackbrennan222

Education

Colorado School of Mines, Golden, CO

Masters of Science, Computer Science　　　　　　　　　　　　　　　　　　　　　　　　May 2025

    Overall GPA: 4.0

Bachelors of Science, Computer Science　　　　　　　　　　　　　　　　　　　　　　　May 2024

    Overall GPA: 3.96 | Major Specific GPA: 4.0 | Summa Cum Laude

Relevant Coursework

- Advanced Software Engineering
- Software Engineering
- Mobile Application Development
- Web Applications
- Algorithms
- Database Management

Skills

Languages: Java, Kotlin, JavaScript, SQL, C#, C++, Python, HTML, CSS
Frameworks and Technologies: Android, React, Express.js, PostgreSQL, MySQL, WPF
Tools and Other Skills: Git, Vim, Android Studio, VS Code, Linux OS, Agile, Scrum, TDD

Work Experience

Colorado School of Mines, Golden, CO　　　　　　　　　　　　　　　August 2024 - Present
Adjunct Professor
- Led lecture and lab sections, teaching **Java** and **Software Engineering** principles to nearly **120 students**
- Developed relevant lectures, assignments, quizzes, projects, and exams to facilitate student learning
- Coordinated with other professors and team of a teaching assistants to ensure consistency between sections

Sysco, Houston, TX　　　　　　　　　　　　　　　　　　　　　May 2024 - August 2024
Software Engineer Intern
- Developed an Android app in **Kotlin** to query and correct device settings across **33,000+ warehouse devices**
- Implemented an **Express.js** backend with **MySQL** database to manage database processing and communication
- **Automated error detection and correction**, improving warehouse efficiency

Colorado School of Mines, Golden, CO　　　　　　　　　　　　December 2022 - May 2024
Lead Teaching Assistant
- Assisted Software Engineering Professors by grading, proctoring exams, and corresponding with nearly **500 students**
- **Managed a team** of Teaching Assistants to **ensure consistency** and fairness between all sections
- Held weekly office hours to provide individual support and guidance to students

Colorado Education Association, Denver, CO　　　　　　　August 2023 - December 2023
Software Engineer
- Created a **React** web application to communicate with a **Django** backend and **PostgreSQL** database
- Collaborated with fellow students to design a full stack solution to support nearly **40,000 users** in the CEA

Neuman & Esser America, Houston, TX　　　　　　　　　　　　May 2023 - August 2023
Software Engineer/IT Admin Intern
- Led development of internal **WPF .NET** application and **TSQL** database which dealt with trading **millions of dollars**
- Led routine **system-wide IT updates** and integrated new building into company's existing IT infrastructure

Activities

Tau Beta Pi, Member, Golden, CO　　　　　　　　　　　　　　　　　　Fall 2023 - Present
Association for Computing Machinery, Member, Golden, CO　　　　　　Fall 2021 - Present
Club Water Polo Team, Member, Golden, CO　　　　　　　　　　　　　　　　Fall 2021

Honors and Awards

CS Faculty Choice Award, Colorado School of Mines　　　　　　　　　　　　　May 2024
Summa Cum Laude, Colorado School of Mines　　　　　　　　　　　　　　　　May 2024
Dean's List, Colorado School of Mines　　　　　　　　　　　　　Fall 2021 - Spring 2024