Samuel Montalbano

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GitHub: https://github.com/Sammontalbano22

EDUCATION:

- University of Denver - Expected Graduation: June 2026
- Bachelor of Science in Computer Science and Bachelor of Science in Mathematics
- GPA: 3.59 | Major GPA: 3.8 | Dean's List: 2024
- Daniels Fund Scholar | Provost Scholar | Dean's List Recipient

TECHNICAL SKILLS:

Programming Languages:
- Python(Primary), Java, Swift, MYSQL, HTML, CSS

Tools & Technologies:
- Git, Visual Studio Code, JShell, GAIA GPS, MySQL Workbench, Firebase, Open AI API, Google APIs, MATLAB, Xcode, GPT Models, CO-PILOT

PROFESSIONAL EXPERIENCE:

Property Manager(Contracted)   Bachman and Associates (Jun 2024 - Sep 2024)
- Directed 30+ projects, managing $1000+ budgets and materials with 100% customer satisfaction.
- Streamlined construction processes using pre-project efficiency planning, improved completion time by 20%.

Aerospace Intern   Colorado Space Business Roundtable (Jun 2024 - Jul 2024)
- Gained insights into aerospace industry trends through expert-led workshops and events.
- Attended five workshops hosted by Aerospace Leaders; acquired actionable knowledge to enhance project efficiency including MATLAB for flight simulations.

Lead Website Administrator   Breezy Strategies (Jan 2023 - Jul 2024)
- Designed and managed 15+ school district websites for SCAP Colorado in partnership with the University of Colorado, Denver.
- Led statewide training for over 40 participants on website management and accessibility.
- Created the flagship SCAP website, securing a landing page for 20+ districts.

Summer Assistant Manager   Grandote Peaks Golf Course (Jun 2023 - Sep 2023)
- Managed daily operations of the facility and helped supervise a team of 10 staff members, ensuring seamless experiences for over 100 golfers each day through enhanced service protocols.
- Analyzed sales data and golf trends to curate a targeted Pro Shop inventory, ultimately achieving a 10% increase in overall sales during the summer season for Grandote Peaks Golf Course.
- Planned and directed large-scale golf tournaments including the New Mexico Seniors League event with more than 90 participants; developed structured schedules and layouts to minimize wait times on course.

Trails Accessibility Technician   La Veta Trails (Jun 2022 - Sep 2022)
- Conducted terrain accessibility analysis, presenting findings to La Veta town board in a refined report.
- Improved mapping efficiency by 200% through GAIA GPS technology integration.

PROJECTS:

CollegePathwaysAI   Swift, Firebase, and Open AI (Oct 2024)
- Manager and Developer of a Swift and Firebase virtual college readiness app with features like scholarship search, AI essay editing, SAT practice, tutoring, and a Virtual College Counselor.

Personal Portfolio Website   HTML, CSS, and JavaScript (Recurring)
- Manage an active porfolio at https://sammontalbano22.github.io/sammontalbanoportfolio/

AI Resume Builder   Python Open AI (Dec 2024)
- A Python-based resume builder that uses AI to modify a resume template based on job descriptions, saving users 50% more time when applying and increasing ATS screening success-rate by 10%.

Fire Percolation Simulation   Python (Mar 2023)
- Simulated fire spread in Python using DFS and BFS algorithms to predict fire spread by forest density.

HOBBIES:

- Golfing | Fishing | Rocket Design | Classic Literature | DIY Engineering Projects | Vinyl Collecting | Traveling