

# Itzel Bailon

Software Engineer

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Java | Python | Javascript

## EDUCATION

**Metropolitan State University of Denver/** Denver, Colorado/ January 2019 - December 2023

Bachelor of Science in **Computer Science/** Minor in **Mathematics**

**Related coursework:** Software Development, Algorithms Analysis

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## SKILLS

- **Languages** - Java/ Python/ Javascript /Typescript
  - **Assembly Languages** - ARMv8
  - **Web/ Frameworks** - HTML/ CSS/ Bootstrap/ AngularJS
  - **Software Development** - Agile methodologies/ Version control (Git, GitHub), Software Testing
  - **Operating Systems** - Mac/ Linux/ Windows
  - **Other** - Fluent in Spanish and English
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## PROJECTS

**Senior Capstone Project/** January 2023 - May 2023

- Developed an Admin Portal for DUbuildabot.com enabling administrators to visualize data through interactive data tables and charts.
- Implemented user management functionalities for administrators to efficiently manage user accounts and feedback reports.
- Utilized MongoDB for database management, Express.js for server-side application logic, AngularJS for front-end development, and Node.js for server-side scripting.

**TeamTo website/** October 10 - October 12 2023

- Developed a website to host a vibrant community where students, faculty and professionals come together beyond the classroom to collaborate on exciting projects.
- Utilized Flask for back-end development, and React.js for front-end development.

**BWellFF/** February 9 - February 11 2024

- Developed a web-based app that provides personalized health diagnoses based on user provided symptoms.
  - Utilized Flask for back-end development, TinyDB for database management, and Javascript/HTML/CSS for front-end development.
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## WORK EXPERIENCE

**SOC Tier 1 Analyst/** Metropolitan State University of Denver/ October 2023 - Present

- Provided monitoring services and escalated tickets out to the next Tier who in turn reports our findings to Tier 3 and the National Cybersecurity Center. The monitoring services we provided are for the State of Colorado entities and for the benefit of 500, 000 Colorado residents.

**Learning Assistant/** Metropolitan State University of Denver/ August 2023 - Present

- Collaborated with course instructors to facilitate student learning by providing one-on-one and group support.
- Demonstrated strong communication and mentoring skills to support diverse learners.

**Banquet Server/** Colorado Staffing Solutions/ July 2017 - July 2022

- Set-up banquet service and tables for 1000+, provide excellent customer service, maintain a neat and clean workplace and dining area
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## ACCOMPLISHMENTS

- **Certificates** - Advent of Cyber 2023/ Intro to Machine Learning certificate, Pandas certificate/ Intro to Deep Learning certificate/ Advanced Manufacturing certificate/ Advanced Computer Aided Manufacturing certificate
- **Awards** - Won 3rd place at DU Web Development Hackathon / Won 2nd place at GWC challenge app
- **Volunteering** - *Kid's Ministry*-June 4th, 2023 - present/ *Latinas Lideres y Emprendedoras*-March 8th, 2023/ *Women Beyond Fashion*-May 24th, 2022/ *Amigos de Mexico*-April 30th, 2022/ *Letters from Santa Workshops*-November, 2018 & November, 2019