

Jorge Santiesteban | jzsantiestebannavarro@gmail.com | 720-225-8129 |  zahirsanti05 |  Jorge S.

U.S Citizen | Fluent in Spanish & English

Education

Metropolitan State University Of Denver, Denver, CO
Bachelor of Science, Computer Science

May 2024
Major GPA: 3.0

Relevant Coursework:

Software Development Methods & Tools, Algorithms & Data Structures, Operating Systems, Networking & Distributed Computing, Computer Architecture

Experience/Projects

Gnome-Bot! A Discord Study Bot (Python) *By me!*

Sept 2025 - Current

- Designed and developed a Discord helper bot to help users study efficiently and organize their study sessions by setting achievable tasks; Created with 514 lines of code.
- 10-20 tests with differing users, prioritizing user experience when adding new features or allocating time to error handling.
- Created 80+ unit tests covering 60% of the overall code. This consists of every command and database integration (API keys) integrated.

TuneLink (JavaScript/CSS) *Senior Project*

Aug 2023 - Dec 2023

- Developed a robust, web-based application enabling Spotify users to curate playlists by genre or to discover emerging artists using API Keys with a premium subscription.
- Portfolio of documentation/comments throughout development.
(reference: <https://docs.google.com/document/u/1/d/1Y2JvDQx7pNuVOm4amFytFyI54fMSVZEhat5YTI3bE0U/edit>)
- Co-lead a project, 3 weeks in, upon joining, utilizing an Agile development model alongside a team of 5 newly acquainted members encompassing 18.6k lines of code.
- Complete refactor from React to Node JS 3 months into the development because of limitations using solely React.
- Engaged in discussions and frequent meetings with stakeholders and users to align project objectives and gather feedback.
- Prioritized user experience in weekly sprints, focusing on intuitive design and user satisfaction.

Technical Skills

Programming Languages: Python, Java, PyTorch, MatLab, Pandas, MySQL

Web Development: JavaScript, TypeScript, CSS, HTML, React, Node.js, Next.js

Tools/Operating Systems: Visual Studio Code, Git, Github, Virtual Box, Ubuntu, Kali, UNIX, Powershell, SSH, Windows, Linux, MacOS

Frameworks: MongoDB, JUnit, PyTest

Development: Computer Networks, Transmission Control Protocol (TCP), User Datagram Protocol (UDP), HTTP

Skills: Utilized Agile Development, Scrum, Kanban Board, Documentation when making changes, Leader in multiple projects, Collaborative, Client-focused during projects, Managed a team of students on a project, Real-world Problem Solving

Ask Me About: Passion for gaming and technology, My Figure Collection, My daily coding routine with leetcode