

Joel Galarza

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EDUCATION

Western Governors University
Bachelor of Science in Computer Science

Salt Lake City, Utah
January 2024 – Present

Connecticut State Community College
Computer Science Transfer Pathway — Mathematics Transfer Pathway (3.84 GPA)

Waterbury, Connecticut
August 2023 – December 2023

EXPERIENCE

Computer Science and Mathematics Tutor
Connecticut State Community College

February 2024 – Present
Waterbury, CT

- Achieved a 100% satisfaction rate among students tutored, as evidenced by anonymous feedback with surveys.
- Conducted an average of 8 tutoring sessions per week, contributing in a 17.4% average improvement in student exam scores throughout the semester.
- Collaborated with local tech companies to provide internship opportunities for computer science students, resulting in a 83% placement rate and valuable real-world experience for participants.

Information Technology Department Student Aid
Grafton High School

Dec 2022 – June 2023
Yorktown, VA

- Maintained accurate hardware and software inventory records, documenting service requests, resolutions, and updates.
- Configure and troubleshoot routers and switches and resolve common VLAN routing issues in IPv4 and IPv6 networks.

PROJECTS

Auri — Social Media Management Dashboard | *React JS, Typescript, Git, Firebase, NodeJS, Keras* January 2024

- Integrated multiple public APIs, including Instagram, Twitter, and Facebook, to enable cross-platform posting of photos and videos directly from the dashboard.
- Implemented real-time notifications and alerts functionality, allowing users to stay informed about important events such as comments, mentions, and trending topics across social media platforms.
- Conducted usability testing and gathered feedback from beta users to iteratively improve the dashboard's functionality and user experience.

Nebula | Hack@Brown 2024 | *React JS, Typescript, Git, Firebase*

February 2024

- Developed full stack social media web app that brings together researchers, students, and enthusiasts of advancements in space technology
- Implemented OAuth using firebase to securely handle user authentication.
- Developed clean, organized, and modular code with updated documentation.
- Utilized version control (e.g., Git) to track changes and maintain a version history of the project.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, HTML/CSS,

Frameworks: React JS

Developer Tools: Git, Google Cloud Platform, VS Code,

Libraries: NumPy, Pandas, TensorFlow, Keras