




UYEN TRAN

✉ tranu2@unlv.nevada.edu  [linkedin.com/in/uyen-tran-b174a61ab/](https://www.linkedin.com/in/uyen-tran-b174a61ab/)
 <https://jenlcmc.github.io/my-portfolio/>  github.com/jenlcmc

EDUCATION

University of Nevada, Las Vegas

Bachelor of Science in Computer Science | GPA: 3.8
Minor in Mathematics

May 2024

Dean's List 2020-Current

Relevant Coursework

CS 477 - Analysis of Algorithms, CS 302 - Data Structures, CS 489 - Data Science & Machine Learning, CS 442 - AWS
CS 469 - Digital Images Processing, CS 472 - Software Product Design
STAT 411 - Statistic I, MATH 365 - Comp Linear Algebra, MATH 351 - Discrete Math / Graph Theory

TECHNICAL SKILLS

Programming Languages: Python, C, C++, HTML, CSS, JS, TS, R

Developer Tools/Technologies: Anaconda, MATLAB, VS Code, Visual Studio, JetBrains, Git, GitHub, Linux, Unix, Windows, GDB, LLDB

Frameworks/Libraries: Jupyter Notebook, Requests, Matplotlib, Plotly, Pandas, NumPy, React, Angular

PROFESSIONAL EXPERIENCES

Mission Support and Test Services - RSL Nellis, Las Vegas, NV

August 2023 – May 2024

Casual Employee in Support of RSL Nuclear Response Division / 20 hours per week

- Modernized multiple internal websites with Angular and Typescript, integrating automated data validation and customizable interfaces, boosting accuracy and usability for NNSA support
- Collaborated directly with scientists and engineers throughout the design, development, and testing phases, incorporating feedback to effectively introduce new features, significantly boosting the platform's responsiveness and user engagement

Mission Support and Test Services - RSL Nellis, Las Vegas, NV

May 2023 – August 2023

Science & Technology Summer Intern / 40 hours per week

- Design the first version of a field sample simulation tool to reduce data entry time, auto calculate values, and improve the experience for Nuclear Emergency Responders during Federal Radiological Monitoring and Assessment Center (FRMAC) training events
- Enhancement of simulation capability to support Nuclear Emergency Response training across the NNSA complex with new designs and features with Angular and Typescript

University of Nevada, Las Vegas

January 2022 – May 2023

Computer Science Teaching Assistant - CS 135 / 10 hours per week

- Hold office hours for students who need help with C++ homework and grade students' assignments
- Serve as a communication liaison between the students and professor

OTHER EXPERIENCES / PROJECTS

University of Nevada, Las Vegas

August 2023 – December 2023

Undergraduate Astronomy & Data Science Research Assistant

- Use Python-based machine learning techniques to process simulation snapshots and compare against different simulation methods
- Analyze simulated astronomy data, which required reading large datasets, performing mathematical analysis of them, and generating visualizations

Senior Design Project: Rightway | React, JS, TS Rightway

- Developed the expense page and main page using React, JavaScript, and TypeScript, ensuring accurate budget tracking and user-friendly navigation.
- Conducted unit tests to maintain code quality and functionality, contributing to a reliable and efficient application.