# Shawn Ray

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## EDUCATION

**University of Nevada Reno** — Reno, NV
*Masters in Computer Science and Engineering; GPA: 3.71* — *Jan. 2022 – May 2023*

**University of Nevada Reno** — Reno, NV
*Bachelors in Computer Science and Engineering; GPA: 3.21* — *Jun. 2017 – December 2021*

**Truckee Meadows Community College** — Reno, NV
*Associates of Science in Computer Science; GPA: 3.86* — *Jan. 2015 – July. 2018.*

## EXPERIENCE

**University of Nevada Reno** — Reno, NV
*Lecturer* — *Sep 2018 - May 2023*

- **Lecturer of Record**: Prepared course material, supervised a team of teaching assistants, graded assignments, taught lectures, conducted lab sections, and finally aided students in their success towards their academic career.
- **Graduate Teaching Assistant**: Aiding professors in creation of course material, teaching, helping students and conducting lab sessions. Graded course and lab work.
- **Undergraduate Teaching Assistant**: Graded class material and tests, assisted students in learning the material. Conducted recitation sessions. Even acted as a substitute teacher.

**Immigrant Software Corp** — Reno, NV
*Information Technology Support Specialist* — *Jan 2017 - May 2023*

- Maintained systems for network, server and websites. Also performed system updating and upgrades. Performed bug fixes for the servers, network systems and interacting with the customer support team to perform system maintenance.

**Truckee Meadows Community College** — Reno, NV
*Math and Science Tutor* — *Feb 2016 - Oct 2019*

- Aided students in learning mathematics, computer science and physics at the college. Supervised incoming tutors, managing schedules, interactions with students and professors and also lead a project developing tutorial videos for the mathematics department.

## PROJECTS

- **Discrete Locomotion in Virtual Reality**: Worked on a research project studying the effect of locomotion techniques in virtual reality first-person shooter games.
- **Mammography Classification using Cross-view Attention**: Worked on a project recreating and extending the research done in cross-view mammography. Cross-view mammography is the topic of using all four views in a mammography examination.
- **Breast Cancer Classification**: Developed a deep learning module for classification of Ductal Carcinoma.
- **Cancer detection using Deep Neural Networks.**: The senior project for computer science students, which was worked on with a team. This project provided a front-end interface for doctors to use designed neural networks for cancer detection. Managed a team of students, distributed workflows, conducted weekly meetings.
- **Discord bot loot manager.**: A discord bot to aid in loot distribution for a variety of massively multiplayer role-playing games..

## PROGRAMMING SKILLS

- **Languages**: ANSI C, C++, C# Python, Java, JavaScript, HTML, CSS, LISP, Assembly, R, SQL, LaTeX
- **Technologies**: Tensorflow, Keras, PyTorch, Scikit-learn, Numpy, Pandas, OpenCV, Unity