

# Cooper Flourens

(702) 885 5600 • Reno, NV • [cooperflourens@gmail.com](mailto:cooperflourens@gmail.com) • [LinkedIn](#) • [GitHub](#)

## EDUCATION

---

- University of Nevada, Reno** | Masters of Science in Computer Science & Engineering Aug 2022 - May 2024
- University of Nevada, Reno** | Bachelor of Science in Computer Science & Engineering Aug. 2018 - May 2022

## EXPERIENCE

---

**AI Intern** Dec. 2023 - Present

ConSynSys Technologies

- Utilizing TensorFlow to build regressive machine learning models on tabular data for industrial processes.
- Developing APIs and CLIs for interfacing with machine learning models.

**Machine Learning Research Assistant** Jan. 2022 - May 2024

University of Nevada, Reno - Machine Perception Lab

- Augmenting and manipulating large datasets using popular tools like NumPy and Pandas.
- Utilizing PyTorch and TorchVision to build neural networks for identifying facial attributes of celebrity images.
- Monitoring model progression using cutting edge libraries including TorchMetrics, Weights & Biases, and Matplotlib.

**Software Developer I** Jun. 2022 - Feb. 2023

Capital Insurance Group

- Utilizing Java to maintain secure and user-friendly customer-facing and internal software.
- Utilizing SQL to manage and maintain data integrity within complex database structures.
- Experiencing a fast paced and collaborative work environment, designing effective solutions exceeding requirements laid out by project managers and business analysts.

**Backend Developer** Aug. 2021 - May 2022

Tightrope

- Built a fully operational back end using Django for interfacing between the Angular front end and database.
- Integrated back end data processing with front end JSON requests, developing custom API calls for CRUD operations.
- Utilized third-party APIs to fetch and recommend local events that fit a user's schedule.

## COURSEWORK

---

Data Structures | Analysis of Algorithms | Database Management Systems | Computer Vision | Deep Learning

## SKILLS

---

Advanced: Python | C/C++ | PyTorch | TensorFlow | SQL | Java | Git

Familiar: Swift | HTML | CSS | JavaScript | Node.js | TypeScript | Bash | AWS | Jenkins | Kubernetes