Nareg Koshanian

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EDUCATION

Southern Oregon University **June 2026**

B.S. Computer Science, Minor in Mathematics| GPA: 3.8 Ashland, OR

- **Courses:** Cloud Computing, Networks 1, Databases, AI Engineering
- **Honors:** President/Dean's List, Honors College

TECHNICAL SKILLS

Languages & Libraries: Python (Flask, Pandas, Matplotlib, Plotly, SciPy), C++, SQL

Tools & OS: Linux, Git, Docker, Application programming interfaces (APIs)

Platforms: Google Cloud Platform, Azure, JupyterHub

EXPERIENCE

HR People Analytics & Systems Intern **Jun 2025 - Jan 2026**

Harry & David Medford, OR

- Led the enterprise-wide Job Code Consolidation Project, streamlining job code architecture across 15+ brands and achieving a 40% reduction in total job titles to enhance data consistency and reporting accuracy
- Built PowerApps and Power Automate solutions integrated with SharePoint, Excel, and Python to automate HR workflows, reducing manual data entry, minimizing human error, and supporting leadership with actionable workforce insights

Delivery Manager & Driver **Jun 2023 - Sep 2025**

Louie's of Ashland Restaurant Ashland, OR

- Manage all aspects of restaurant delivery operations, including coordinating deliveries, maintaining vehicles, and ensuring timely order fulfillment
- Communicate with customers to provide updates on delivery times and order status, delivering excellent customer service

PROJECTS

Alfred **Aug 2025**

- Built and deployed my own website featuring a custom AI chat assistant inspired by Batman's Alfred
- Integrated multiple technologies like web hosting, APIs, and backend scripting into a cohesive system
- To test visit (https://alfredthebuttler.com/login) and use the credentials testuser for username and password

I-5 Wildlife Overcrossing - Computer Vision Model **Mar 2025**

- Attempted to improve SOU's existing YOLOv5 wildlife detection system by training YOLOv11 models
- Used A100 GPU-enabled VMs via JupyterHub; gained experience in dataset cleaning and hyperparameter tuning
- Learned practical challenges in computer vision model deployment and data quality requirements

RESEARCH EXPERIENCE

Undergraduate Researcher **Summer 2024**

SOU Math Department Ashland, OR

- Collaborated with Dr. Daniel Kim to study neural networks, focusing on the intricacies of deep Q-learning.
- Developed an AI agent capable of playing the classic Snake game and researched the impact of hyperparameter fine-tuning on the efficiency and accuracy maze-solving algorithm

REFERENCES

Richard Allen - Harry & David HR Manager RAllen@1800FLOWERS.com

Seth Gilbert - General Manager at Louie's of Ashland pupandthebear@yahoo.com

Dr. Bernadette Boscoe- SOU Computer Science Professor boscoeb@sou.edu