JORDAN ROMANO

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Systems Integration Engineer with hands-on experience in deploying, integrating and validating applications with hardware systems and cloud infrastructure. Experience conducting cross-functional training for end users.

EXPERIENCE

System Integration & Validation Engineer – Full-Time
Nov 2024 – Present
Ineo Systrans USA, EQUANS — *Atlanta, GA*

- Integrate and validate the installation of NAVINEO, a CAD/AVL software and hardware solution between devices such as MDTs, VLUs, APCs or tablets and bus systems for Gillig and Proterra buses.
- Deploy and maintain NAVINEO on AWS cloud servers, ensuring optimized performance for transit agencies.
- Execute FAT and GAP testing procedures to validate product functionality against RFP standards.
- Lead end-user training for 100+ users on average such as operators, dispatchers, and admin personnel; developed full documentation and support resources.

Area Manager (L4) – Summer Internship
Jun 2023 – Jul 2023
Operations, Amazon — *Waldorf, MD*

- Shadowed senior managers and participated in team-based leadership activities at a high-volume AMZL site.
- Proposed and assisted with an asset loss prevention project to reduce shrinkage.
- Analyzed operational data to support decision making, teamwork and efficiency.

Data Systems Analyst – Hybrid Internship
Nov 2022 – Jul 2023
Administration, Greater Lynchburg Transit Company (GLTC) — *Lynchburg, VA*

- Installed, maintained, and troubleshot Cisco Catalyst & Meraki switches in GLTC's primary server room.
- Provided technical support for Microsoft Teams, Windows 11, Xerox & HP printers and Office 365.
- Assisted in maintaining and updating the company's internal SharePoint site and public WordPress website.
- Presented, developed and implemented a cost-effective AI-powered customer service transit solution:
    1. Provided 24/7 customer service coverage to 300+ bus commuters.
    2. Recognized by the Virginia Department of Rail and Public Transportation (DRPT) and the APTA.

EDUCATION

Bachelor of Science in Information Systems
Jan 2021 – Oct 2024
Computer Science, Liberty University — *Lynchburg, VA*
Summa Cum Laude • NSCS • NSLS • ONL • APTA Technology Committee — GPA: 3.86 / 4.00

Coursework: IS Project Management • Systems Analysis & Design • Application Programming • Backend Programming • Business Communications • Object Oriented Programming • Organizational Behavior • Web Development • Database Management • Business Data Systems • IS Hardware & Software • Business Research Methods • Probability & Statistics

PROJECTS

Lunar Lander, Reinforcement Learning Agent / *Python, Stable Baselines 3, PPO, Google Colab* — Dec 2023

- A physics-based simulation where an AI agent is trained to autonomously and safely land on the moon.
- Scored in 90th place out of 7000 other projects (top 1%) with a mean reward of 297.79 and high consistency.

AskLynchburg, AI-Driven Transit Chatbot / *Python, PyTorch, JS, HTML5, CSS, Flask, NLTK, AWS* — Jan 2023 -

- Uses API integration to locate nearby bus stops, local parks and local restaurants.
- Provides tailored responses to questions about destinations and local bus policies.
- Provides next bus arrival times along with a searchable list of available bus stops from a GTFS feed.
- Speech to Text, Twilio API and Natural Language Processing for user-friendly interactions.

TECHNICAL SKILLS

Languages: Python, JavaScript, CSS, HTML5, Java
Frameworks/Libraries: PyTorch, Pandas, NumPy, NLTK, Gymnasium, Flask, Stable Baselines 3, React.JS, jQuery
Infrastructure: AWS (VPC, EC2, CloudFront, Route53), Nginx, NAVINEO, J1939 Protocol