EJUP HOXHA

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Skills

- LLM Evaluation and Fine Tuning
- Generative AI
- Sensor Fusion and SLAM
- RL, Control and Robotics
- Software Development and Distributed Algorithms
- Machine Learning & Deep Learning

Experience

Applied Scientist II – L5   **06/2025 - Present**
Amazon Web Services (AWS)   **New York, NY, USA**
- Develop LLM Evaluation Methods and LLM Fine Tuning
- Design, Build and Deploy LLM-based systems

Machine Learning Engineer II – L5   **12/2022 - 06/2025**
Amazon Web Services (AWS)   **New York, NY, USA**
- Generative AI, Explainable Forecast, ML/DL, Time Series Forecasting

Software Development Engineer I – L4   **05/2022 – 12/2022**
Amazon Web Services (AWS)   **New York, NY, USA**
- Design, implement and deploy successful internet-scale systems

Graduate Research Assistant and Adjunct Lecturer   **05/2019 - 12/2019 and 08/2020 - Present**
The City College of New York – The City University of New York   **New York, NY, USA**
- Robotics, RL, Sensor Fusion, Visual SLAM, Computer Vision, AR for NDE/NDT
- Teaching Fall21 and Spring22: EE425 and EE323, TA: Advanced Mobile Robotics GG3300

Robotic Systems Engineer   **04/2020 to 08/2020**
InnovBot LLC   **New York, NY, USA**
- Sensor Fusion, Visual SLAM and Robot Control

Software Developer and Automation Engineer   **07/2016 to 10/2018**
N.P. INET   **Pristina, Kosovo**
- SCADA Software Developer and Automation Engineer

Software Developer and Control Engineer   **11/2015 to 07/2016**
Call Home Electronics sh.p.k.   **Pristina, Kosovo**
- Software SCADA Developer, PLC and Control Engineer

Education

PhD: Electrical Engineering	07/2025
Master of Philosophy: Electrical Engineering	12/2023
Master of Science: Computer Engineering	05/2020
The City College of New York – The City University of New York	New York, NY, USA

Bachelor of Science: Electrical and Computer Engineering - Automation   11/2015
University of Pristina   Pristina, Kosovo

Web Page: https://ehoxha91.github.io/   LinkedIn: https://www.linkedin.com/in/ejuphoxha/