

# EJUP HOXHA

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## Skills

- Sensor Fusion
- Generative AI
- Computer Vision and V-SLAM
- Non-destructive testing
- RL, Control and Robotics
- Software Development and Distributed Algorithms
- Machine Learning
- Deep Learning

## Experience

- Machine Learning Engineer II – L5 (on path to Applied Scientist role)**  
**Amazon Web Services (AWS)** **12/2022 - Present**  
New York, NY, USA
- Develop Automated LLM Evaluation Methods & Fine-Tuning
  - [Design, Build and Deploy LLM-based systems](#)
  - ML/DL, Time Series Forecasting
- Software Development Engineer I – L4**  
**Amazon Web Services (AWS)** **05/2022 – 12/2022**  
New York, NY, USA
- Design, implement and deploy successful internet-scale systems
  - Define secure, scalable, distributed and event-driven 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 (2020 ~ present)**  
The City College of New York – The City University of New York New York, NY, USA
- Master of Philosophy: Electrical Engineering** 12/2023  
The City College of New York – The City University of New York New York, NY, USA
- Master of Science: Computer Engineering** 05/2020  
The City College of New York – The City University of New York New York, NY, USA
- Master of Science: Computerized Automation and Robotics**  
University of Pristina Pristina, Kosovo
- Bachelor of Science: Electrical and Computer Engineering - Automation** 11/2015  
University of Pristina Pristina, Kosovo