

EJUP HOXHA

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Skills

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

Experience

Machine Learning Engineer

Amazon Web Services (AWS)

- Time Series Forecasting, ML, DL, MLOps

12/2022 - Present

New York, NY, USA

Software Development Engineer

Amazon Web Services (AWS)

- Design, implement and deploy successful internet-scale systems
- Define secure, scalable, distributed and event-driven systems
- Functionally decompose complex problems into simple, straight-forward solutions

05/2022 – 12/2022

New York, NY, USA

Graduate Research Assistant and Adjunct Lecturer

The City College of New York – The City University of New York

Research in:

- Robotics, RL, Sensor Fusion, Visual SLAM, Computer Vision, AR for NDE/NDT
- Teaching Fall21 and Spring22: EE425 and EE323, TA: Advanced Mobile Robotics GG3300

05/2019 - 12/2019 and 08/2020 - Present

New York, NY, USA

Robotic Systems Engineer

InnovBot LLC

Research and development:

- Sensor Fusion, Visual SLAM and Robot Control

04/2020 to 08/2020

New York, NY, USA

Software Developer and Automation Engineer

N.P. INET

- Designed BMS Algorithms for UN Headquarters, Kosovo
- Automation of processes and Industrial Automation (PLC Programmer)
- SCADA Applications Developer using C#, C/C++, Python, SQL and Siemens WinCC

07/2016 to 10/2018

Pristina, Kosovo

Software Developer and Control Engineer

Call Home Electronics sh.p.k.

- Software SCADA Developer, PLC and Control Engineer

11/2015 to 07/2016

Pristina, Kosovo

Education

PhD: Electrical Engineering (2020 ~ present)

The City College of New York – The City University of New York

New York, NY, USA

Master of Science: Computer Engineering

The City College of New York – The City University of New York

05/2020

New York, NY, USA

Master of Science: Computerized Automation and Robotics

University of Pristina

Pristina, Kosovo

Bachelor of Science: Electrical and Computer Engineering - Automation

University of Pristina

11/2015

Pristina, Kosovo