

# 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

<b>Machine Learning Engineer II – L5</b> <b>Amazon Web Services (AWS)</b> <ul style="list-style-type: none"><li>• Generative AI, Explainable Forecast, ML/DL, Time Series Forecasting</li></ul>	<b>12/2022 - Present</b> <b>New York, NY, USA</b>
<b>Software Development Engineer I – L4</b> <b>Amazon Web Services (AWS)</b> <ul style="list-style-type: none"><li>• Design, implement and deploy successful internet-scale systems</li><li>• Define secure, scalable, distributed and event-driven systems</li></ul>	<b>05/2022 – 12/2022</b> <b>New York, NY, USA</b>
<b>Graduate Research Assistant and Adjunct Lecturer</b> <b>The City College of New York – The City University of New York</b> <ul style="list-style-type: none"><li>• Robotics, RL, Sensor Fusion, Visual SLAM, Computer Vision, AR for NDE/NDT</li><li>• Teaching Fall21 and Spring22: EE425 and EE323, TA: Advanced Mobile Robotics GG3300</li></ul>	<b>05/2019 - 12/2019 and 08/2020 - Present</b> <b>New York, NY, USA</b>
<b>Robotic Systems Engineer</b> <b>InnovBot LLC</b> <ul style="list-style-type: none"><li>• Sensor Fusion, Visual SLAM and Robot Control</li></ul>	<b>04/2020 to 08/2020</b> <b>New York, NY, USA</b>
<b>Software Developer and Automation Engineer</b> <b>N.P. INET</b> <ul style="list-style-type: none"><li>• Designed BMS Algorithms for UN Headquarters, Kosovo</li><li>• Automation of processes and Industrial Automation (PLC Programmer)</li><li>• SCADA Applications Developer using C#, C/C++, Python, SQL and Siemens WinCC</li></ul>	<b>07/2016 to 10/2018</b> <b>Pristina, Kosovo</b>
<b>Software Developer and Control Engineer</b> <b>Call Home Electronics sh.p.k.</b> <ul style="list-style-type: none"><li>• Software SCADA Developer, PLC and Control Engineer</li></ul>	<b>11/2015 to 07/2016</b> <b>Pristina, Kosovo</b>

## Education

<b>PhD: Electrical Engineering (2020 ~ present)</b> The City College of New York – The City University of New York	New York, NY, USA
<b>Master of Philosophy: Electrical Engineering</b> The City College of New York – The City University of New York	12/2023 New York, NY, USA
<b>Master of Science: Computer Engineering</b> The City College of New York – The City University of New York	05/2020 New York, NY, USA
<b>Master of Science: Computerized Automation and Robotics</b> University of Pristina	Pristina, Kosovo
<b>Bachelor of Science: Electrical and Computer Engineering - Automation</b> University of Pristina	11/2015 Pristina, Kosovo