Blevis Allushi

AI/ML Engineer · Full-Stack Developer

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PROFESSIONAL SUMMARY

AI undergraduate (BSc, Metropolitan University of Tirana, expected 2027) and full-stack developer who has shipped a production system for a municipal government, built Python ML and data-analysis pipelines, and co-authored published NLP research. Currently completing Holberton's 9-month Machine Learning program and teaching ML to peers as President of the AI Club. Track record of leading teams under deadline pressure, from 4-person instructor teams to national-broadcast editing schedules. Native Albanian, C2 English.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, C, C++, C#, Java, SQL

AI / Data: Machine Learning, Deep Learning, NLP, Data Analysis, Statistics, Probability, Linear Algebra, Calculus

Web: Node.js, Express.js, React, React Native, Laravel, MongoDB, Firebase, Tailwind CSS, HTML, CSS

Hardware / Systems: Raspberry Pi, ESP boards, Arduino, HuskyLens AI module, IoT, Computer Networks (working knowledge), Robotics, Linux (Bash)

Tools: Figma, Adobe Suite, Google Workspace, Microsoft Office

EXPERIENCE

Web Developer — *Tirana Municipality, Tirana, Albania* Feb 2025 – Jun 2025

- Built and deployed the Metropol Theater website for the Municipality of Tirana, from development through production release (Laravel, Node.js, React, MongoDB).
- Implemented online ticket reservation with an interactive theatre seat map and real-time seat availability (free / taken).
- Built a stage-request form for individuals and organizations to book one of two stages for private events, and a catalogue of upcoming shows and events with schedules and full details.
- Added informational sections on the theatre, its mission, and its cast, including an interactive photo gallery.

Attractions Attendant & Tech-Check Assistant — *Adirondack Experience, Blue Mountain Lake, NY* 2025 – 2026 (seasonal)

- Run tech check across the entire museum (2026), a campus of roughly 40 hectares with multiple buildings, after starting in 2025 fixing interactive exhibits, displays, and supporting hardware.
- Moved across departments on short notice as operational needs changed.

Video & Motion Picture Editor — *AA Film Company, Tirana, Albania* 2019 – 2023

- Edited productions for national broadcast against fixed deadlines.
- Coordinated with VFX and SFX departments to deliver finished cuts on schedule.

Voice-over Artist & Script Translator — *AA Film Company (2013 – 2016) and Studio Dodona (2016 – 2020), Tirana, Albania*

- Voiced dubbed shows and documentaries across seven years.
- Translated and reviewed dubbing scripts that required no revisions.

PROJECTS & RESEARCH

Analyzing English Evolution Through Semantics, Lexicology, Syntax, and Context — *Co-author with Sonila Daiu* 2025

- Applied machine learning and data analysis to measure how the English language has changed over time.

Smart Recycling Robot — *Lead Software Developer*

- Led software for a recycling robot built on Arduino and the HuskyLens AI vision module.

Opes: An Approach to Stock Exchange in Albania — *Project Manager, Code For Albania thesis* 2021 – 2023

- Managed the workgroup and delivered the program's capstone project.

EDUCATION

BSc Artificial Intelligence — *Metropolitan University of Tirana, Tirana, Albania* Oct 2024 – Present (expected 2027)

- Coursework: Data Structures & Algorithms, Statistical Modeling, Computer Architecture, Web Programming, NLP, Deep Learning
- Senator for the AI class, representing student requests and complaints in the university senate

Machine Learning Program (9 months) — *Holberton School* Current

Code For Albania (Code.X) Alumnus — *Korçë, Albania* Nov 2021 – Jul 2023

- Completed the program in Python, JavaScript (React Native), HTML, CSS, Firebase, and Figma; served as student project manager and workgroup leader

High School Diploma — *Petro Nini Luarasi, Tirana, Albania* Sep 2021 – Jun 2024

- Focus: Mathematics (Linear Algebra, Calculus) and Classical Physics

LEADERSHIP

President, Artificial Intelligence Club — *Metropolitan University of Tirana*

- Delivered 30+ structured lecture sessions, 10–20 attendees each, taking students from AI fundamentals to training and deploying ML models.
- Topics: ML and deep learning, Python and SQL for data analysis, statistics, probability, linear algebra, calculus.

Robotech Instructor Team Leader

- Led 4 instructors teaching high-school students C, Python, robotics, and electronics; the student team won first place at the Robotech Competition.

Lecturer, Code For Albania (3rd-year cohort)

- Taught JavaScript, Python, Firebase, HTML, and CSS to Code.X students.

Student Leadership, Petro Nini Luarasi High School

- President of the Talents, Physics & Informatics, and Debate clubs; Co-President of Career Counseling and Chess; Board member of Youth Inherits.
- Senior Head of Senate for grade 12; decided logistics and operations for school events.

Team Leader and Speaker

- Led a team of 6 at the Re-Debate competition (Liburnetik Organization).
- Distinguished speaker and team leader, European Youth Parliament Rozafa 2023 national selection conference.
- Co-organizer and co-presenter, UPFest 2023.

CONFERENCES, PROGRAMS & LANGUAGES

Conferences: EVBB Annual Conference, Brussels (Oct 2025) · Teens in Action Forum on GenAI for project development (Nov 2024) · NASA Space Apps Challenge (Oct 2023) · ACMUN'24 Model UN (Apr 2024) · Supreme Court of Albania Debate, winning team (Apr 2023)

Programs: Outdoor Ambassadors / U.S. Embassy (2022 – 2023) · New Vision Organization leadership and public-speaking programs (2022, 2023) · Tirana European Youth Capital, Next Generation Tourism (2022)

Languages: Albanian (native) · English (C2 in listening, reading, writing, spoken production, and spoken interaction)