

EMILJA BENEJA

Toronto, Ontario
416-897-3409

emilja.beneja@georgebrown.ca | emiljabeneja11@gmail.com | <https://emiljab.github.io/>
<https://www.linkedin.com/in/emilja-beneja-9526a922b/>

I am an aspiring Health Informatics student, with a background in Computer Engineering and AI. Seeking opportunities in areas where healthcare and medicine intersect with the world of AI.

SUMMARY OF QUALIFICATIONS

- Experienced in analyzing healthcare and behavioral health data to identify trends and support data-informed decision-making.
- Strong communication skills, demonstrated through presentations, documentation, and teamwork in multidisciplinary settings.
- Hands-on expertise in machine learning, deep learning, and data mining, including NLP and image processing.
- Detail-oriented and organized, ensuring accuracy, reliability, and strong documentation practices.
- Proactive problem-solver with strong analytical thinking and adaptability in fast-paced settings.

SKILLS

- Python, SQL/MySQL, Java, JavaScript, C#/.NET; Linux fundamentals; databases and data warehousing concepts.
- Machine Learning & Deep Learning: neural networks, NLP, image processing (plus exposure to audio processing).
- Data engineering fundamentals supporting scalable experimentation (data prep, validation, reproducibility).
- Data visualization and reporting using Power BI and Tableau.
- Workflow & process mapping using Miro, Visio, and Lucidchart (BPMN, clinical workflows).
- Project coordination using Jira, GanttPro, MS Project, and MS Planner.
- Health IT & informatics: clinical data workflows, interoperability concepts, healthcare standards, and privacy awareness.
- Strong communication and teamwork across multidisciplinary healthcare and IT teams; fast learner.

EDUCATION

Ontario Graduate Certificate Health Informatics George Brown Polytechnic, Toronto ON	09/2025 - Ongoing
Ontario Graduate Certificate Applied AI Solutions Development George Brown Polytechnic, Toronto ON, GPA:3.9	09/2024 - 08/2025
Bachelor's Degree Computer Engineering Epoka University, Tirana, Albania, GPA: 3.32	10/2021 - 07/2024

CERTIFICATIONS

- Standard First Aid
- Enterprise Design Thinking Practitioner IBM
- CISCO Certified Network Associate

MAIN PROJECTS (Portfolio: <https://emiljab.github.io/>)

A Comparative Evaluation of Deep and Classical Machine Learning Models for Multi-Class Brain MRI Classification Under Limited Data Constraints

- Conducted research on applications of AI in Neuroscience.
- Applied various Machine Learning algorithms with different parameters to obtain the best experimental results.
- Applied various Deep Learning algorithms with different Neural Network Architectures.

Tumor Classification with RNA-Seq Dataset

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- Conducted Research on applications of AI in Bioinformatics and potential datasets.
- Applied various Dimensionality Reduction and Visualization techniques.
- Applied various Machine Learning Algorithms to determine the best performance, achieving high accuracy.

AI-Powered Depression Assessment web form

- Conducted domain research to better understand stress and depression factors.
- Analyzed, preprocessed and visualized the dataset.
- Experimented with various techniques to implement an AI solution.
- Trained a TabNet model to identify depression risks among individuals and assisted in training other models such as LSTM, CNN, etc.
- Visualized results using classification reports, achieving 94% accuracy.
- Assisted in the AI model integration on a web form, which pre-diagnoses depression.

WORK HISTORY

Customer Service Beauty Advisor

March 2025 - Present

Shoppers Drug Mart, Toronto, ON, Canada

- Help customers choose products by asking the right questions and giving clear recommendations
- Keep shelves organized, track stock levels, and restock items to prevent gaps.
- Handle POS tasks accurately and support smooth workflow during busy periods.
- Notice common customer needs and product issues, sharing feedback with the team to improve service.

AI/ML Engineering (WIL) Intern

May 2025 – August 2025

Kinecetrics, Toronto, ON, Canada

- Part of a cross-functional student team developing a ROS-Based field robot for autonomous mapping and inspections.
- Managed project scope, tasks and timeline to ensure on-time delivery of milestones.
- Developed and integrated an AI Agent which controls robot movements using sensor data and enables human interaction through natural language processing.
- Helped develop and integrate computer vision modules for scene understanding, tracking and analysis.

IT Support Specialist

September 2023 – December 2023

Balfin Group, Tirana, Albania

Tirana, Albania (In person, Internship)

- Created and maintained database environments in Dynamics NAV.
- Assisted clients with technical issues in their environments, including data retrieval, data manipulation, table creation, table manipulation, etc., using MySQL and Dynamics NAV.
- Contributed to performance improvement and client training for using Dynamics NAV software.

VOLUNTEER EXPERIENCE

Digital Health Canada Volunteer

June 2025

- Assisted with attendee check-in, session coordination, and general event support to keep activities running smoothly.
- Guided participants to workshops and helped relay updates between organizers, speakers, and guests.

Teaching Assistant, Code for Albania

July 2023 – July 2024

Tirana, Albania – Korce, Albania

- Mentoring high school students in learning Python, React Native and UX design.
- Organized in and outside class activities for students and other team members.
- Developed and delivered lecture content, assignments and in-class activities.
- Inspired teamwork and assigned roles in the teaching team.