

Brynja Schultz

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Summary

Computer Science graduate from NYU with strong Python and Java skills. Proven success in software development, both independently and in teams. Dual US-Icelandic citizenship (US, EU, EFTA, and Schengen Area work eligibility). Seeking to apply technical expertise and global perspective to build impactful solutions.

Education

New York University

Graduated Dec. 2024

Bachelor of Arts in Computer Science, Minor in Mathematics

GPA: 3.82 / 4.0, Cum Laude, Dean's List 2021-2024

Relevant Courses: Algorithms, Data Structures, Computer Systems Organization, Operating Systems, Cryptography, Object Oriented Programming, Natural Language Processing, Computer Graphics, Discrete Mathematics, Probability & Statistics, Calculus I - III, and Linear Algebra

Technical Experience

Data Management | Analog Video Digitization and Archiving

March 2020 – present

Digitized analog media and archived on Amazon S3 for accessibility and preservation.

Natural Language Processing | Evaluating LLMs for Legal Q&A

Oct. 2024 - Dec. 2024

Evaluated BERT-Double, Legal-BERT, and custom models on legal multiple-choice datasets.

Developed evaluation metric integrating question difficulty, model confidence, and correctness.

Fine-tuned NLP models and implemented accuracy and F-1 score metrics.

Software Development | Fitness Tracker Application

June - Aug. 2024

Designed user profile and goal-tracking features using text storage and SOLID principles. Enhanced user interaction, input validation, and code clarity across modules. Created sequence/class diagrams for maintainability. Coordinated deadlines, meetings, and team communication.

Robotics Engineering | VEX Robotics Lunar Agriculture Zone Competition

Sept. - Dec. 2021

Collaborated with a team to design and assemble a plant-transport robot with Fusion360 CAD tools.

Skills

Programming Languages: Python, Java, and C (advanced); C++ and C# (familiar)

Technical Skills: Git, Matplotlib, NumPy, Docker, Google Cloud, Fusion360, Arduino, Cura, VS Code

Languages: English (native), Icelandic (intermediate), Spanish (familiar)

Experience

The Bowery Mission - New York, New York

May 2024 - Dec. 2024

Collaborated with volunteers to prepare meals and manage donations for community services.

Independent Nursing Assistant - Reykjavík, Iceland

May - Aug. 2023

Provided patient care with a focus on hygiene management and safety.