

Leonid Belyaev

Available May 2023 — December 2023

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Education

Northeastern University, Khoury College of Computer Sciences {Aug. 2020 – April 2024}
Candidate for a Bachelor of Science in Computer Science and Mathematics 3.5/4.0 GPA

- **Honors:** Dean's Scholarship, Dean's List
- **Leadership:** NU Wireless Club Treasurer
- **Coursework:** Algorithms, Object Oriented Design, Computer Systems, Networks & Distributed Systems

Conard High School {Aug. 2016 – June 2020}
High School Diploma 4.2/4.0 Weighted GPA

- **Honors:** Maximum Honors
- **Leadership:** Men's Swim Captain, Baduk Club President
- **Coursework:** 10 AP Classes

Skills

Languages: Python, Java, Rust, C, Wolfram Mathematica, SQL, \LaTeX , HTML/CSS, JavaScript

Systems: Linux, NixOS, Windows, Docker, Git, Emacs

Frameworks: Django, Flask, Rocket, JUnit, ACL2, Selenium

Other: Amateur radio (KC1QYF), Penetration testing, Digital forensics, 3D printing, Russian language

Experience

Research Assistant @ N.U. High Performance Computing Lab {May 2023–Present}
– Rewriting C++ core of transparent checkpointing application to improve performance and maintainability

Freelance Programmer @ massinvestor.com {February 2023–Present}
– Writing full-stack web application to provide heterogenous web scraping functionality to end users
– Using Python, Flask, JavaScript, SQL, Docker, Selenium, and GPT-4

Projects

Yvonne *Rust, SQL* {March 2023}
– High-performance unit-tested RESTful inventory management API

BPWorks *Python, Django, JavaScript, Docker* {February 2023}
– Boston public works data visualization web application with mailing list functionality
– Top 10 Hackbeanpot 2023

Neuromaster *Rust* {October 2022}
– 3D network explorer offering superior dense topology comprehension and graphics performance to Zenmap
– Forked existing open-source library on Github to implement full Nmap XML parsing in Rust

Cultroid *Python* {November 2021}
– From-scratch model-free reinforcement learning agent capable of human-level Tetris puzzle play