Yaro Luchko

(215) 600-7902 | yaro@mit.edu | linkedin.com/in/yaroluchko | github.com/yaroluchko

EDUCATION

Massachusetts Institute of Technology (MIT)   Cambridge, MA
*MEng in Computer Science and Engineering (**GPA**: 5.0/5.0)*   *May 2025*
*B.S. in Computer Science and Engineering (**GPA**: 5.0/5.0)*   *May 2024*

Relevant Coursework: Performance Engineering, Database Systems, Accelerated Computing (CUDA), Distributed Systems, Software Construction, Design and Analysis of Algorithms, Programming Language Design, Web Design, Computation Structures, Machine Learning, Computational Photography, Computer Graphics, Creating Video Games

SKILLS

Languages: Python, HTML/CSS/JavaScript, TypeScript, Java, C/C#/C++, Kotlin, Go, Dart, Swift
Frameworks: React, Django, Jetpack Compose, Flutter

EXPERIENCE

Amazon Web Services (AWS)   Seattle, WA
Software Engineering Intern   *June 2024 – August 2024*
- Enabled cross-app authentication in Amplify Swift, including authentication to app extensions
- Interacted directly with Amplify Swift users, went through extensive design and API reviews, and resolved long-standing issues regarding cross-app authentication

Recovering Bro   Remote
Software Engineering Intern   *January 2024 – May 2024*
- Created UI components in Flutter to enable features such as time selection, surveys, and user-profile editing
- Developed a feature which allows users to select intervention check-in times and alerts the user at said time to drink water, meditate, etc.
- Managed a team of 2 on a rotating schedule

Capital One   McLean, VA
Software Engineering Intern   *June 2023 – August 2023*
- Recreated core features of the Capital One Android app using the Jetpack Compose toolkit as part of a migration
- Seamlessly integrated Jetpack Compose components with existing XML views and layouts

Lincoln Financial Group   Philadelphia, PA
Software Engineering Intern   *June 2022 – August 2022*
- Used Postman and App Dynamics to evaluate the performance of a newly deployed service on AWS
- Provided a demo and located non-optimal methods in the service, ultimately decreasing runtime by 28%
- Built a Spring Boot REST API that retrieves customer information from a PostgreSQL database

COMMUNITY & LEADERSHIP

Intro to Python Course at MIT   Cambridge, MA
Teaching Assistant   *September 2022 – Present*
- Design, write, and debug problem sets
- Conduct office hours to guide students through programming concepts and address questions on assignments
- Lead review sessions, beta-test, and proctor for quizzes

PROJECTS AND AWARDS

BattleCode 2023, 2024 | *Java*   *January 2023, January 2024*
- Finalist in MIT's virtual robot programming competition (twice placed 13th out of 400+ teams)

Imagine EC (Link) | *MongoDB, Express, React, Node.js, Tailwind*   *January 2022*
- Collaborated with two peers to create a website for viewing and walking through the point clouds of our dorm halls
- Leveraged React to create functional components which allow users to post their various experiences at the dorm
- Utilized Node.js and Express for the backend and stored user data alongside their posts in a MongoDB database
- Employed Google's authentication React library to enhance user experience
- **Won the Most Unique Idea Award in the 2022 MIT WebLab competition**