

Yaro Luchko

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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, 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 – Present

- 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

- Assist students with, write, and review problem sets
- 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**