ANTON OUTKINE

antonoutkine@gmail.com — linkedin.com/in/antonoutkine — github.com/outkine

OBJECTIVE

I am seeking a software engineering **internship for summer 2023**. I am passionate about learning new programming languages and technologies, and thrive in fast-paced environments where I can rapidly prototype and deploy new ideas to production.

EDUCATION

University of Chicago   *Sept 2020-June 2024*

Bachelors in Computer Science and Mathematics, **GPA:** 3.94
Relevant Coursework:
- **CS:** *Honors Introduction to CS, Introduction to Computer Systems, Theory of Algorithms*
- **Math:** *Honors Calculus, Numerical Linear Algebra, Discrete Mathematics*

Languages Spoken: English, Russian, Spanish

SKILLS

Programming Languages: Python, Javascript, Typescript, Java, C, C#, Scala, Rust, Elm

Technologies: SQL, Docker, Git, React, Angular, .NET Core, Webpack, AWS Lamda, AWS SQS, AWS EC2, Terraform

WORK EXPERIENCE

Callyo, Software Engineering Intern   *June 2022-present*

Working as one of four core engineers on a new product that allows police departments to manage officer call histories on an agency-wide level. Agile full-stack development with **Typescript, React, Next.js and Nest.js**.

Programming Language Lab at the University of Chicago, Research Assistant   *January 2022-present*

Acting as the project lead on an **'AST-aware' web-based code editor** that supports switching between normal text editing and AST-level code manipulation. The app is powered by Typescript, React, and a Rust-based parsing library.

Motorola Solutions, Software Engineering Intern & Co-op   *June 2021-June 2022*

- Worked on the Global Information Services team of 10 with a **C# .NET Core server and an Angular UI**. Focused on a feature that allows for **importing and exporting mission-critical data using Excel files**. Began by researching similar solutions, then set goals, developed, performed QA, deployed to production, and acted on feedback from end-users.

- Stayed on as an infrastructure engineering co-op. Highlights: **migrated routine code execution system to Kubernetes**, and overhauled address parsing in the geo-verification service through an NLP library.

M1 Finance, Software Engineering Intern   *June 2019-August 2019*

Worked as the go-to developer for the marketing team. Programmed a customer value model in **Jupyter Notebook**, built several investment return calculators in React, and improved usage of mobile acquisition vendors (AppsFlyer and Salesforce).
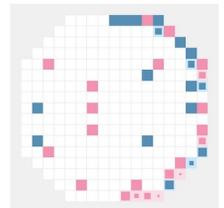
PERSONAL PROJECTS

Robot Rumble robotrumble.org github.com/robot-rumble

The Battle Arena

I designed and programmed an **AI competition website**. Players write a program for a team of robots (either red or blue), and then those programs fight one another in 1v1 ranked battles.

The codebase is powered by **Scala, Rust, and Elm, and is deployed to an AWS architecture managed by Terraform**. In August 2020, my fellow Rust programmer and I successfully ran a tournament of 50 participants and more than 10k battles. Our beta launched in 2021.

LEADERSHIP

Uncommon Hacks, Co-President   *June 2022-present*

Currently serving as co-president for Uncommon Hacks, the University of Chicago's yearly hackathon that is attended by more than 300 students from across the country. **Managing a team of 15 people** in finding sponsors, conducting outreach, designing workshops, and handling event logistics.

University of Chicago, Teaching Assistant   *March 2021, March 2022, June 2022*

Helped launch Creative Coding, **a new project-based introductory programming course aimed at artistic students**. Provided feedback on course materials and developed the web editor that students use to complete assignments.