Leo Smulansky

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[LinkedIn](#) | [Website](#)

EDUCATION

McGill University   Montreal, QC, Canada
Bachelor of Arts in Mathematics and Computer Science, GPA 3.78   *May 2026 (expected)*
Relevant coursework: algorithms and data structures, software systems, probability and statistics, linear algebra, differential equations, abstract algebra, machine learning, discrete mathematics

Stuyvesant High School   New York, NY
Advanced Regents Diploma, AP Scholar, National Merit Scholarship Finalist   *June 2022*

EXPERIENCE

Microsoft Corporation   May 2023 – Aug 2023
Intern – Microsoft Explore (Software Engineering and Product Management)   *Redmond, WA, USA*

- Implemented user suggestions as part of Ads Engineering team
- Designed and developed improvements to internal tools used to analyze click-through rates and revenue
- Optimized code and enhanced UX design using C#, Angular and TypeScript
- Developed an API to facilitate interaction between frontend and backend of programs
- Deployed improvements to an analytics tool used to handle several petabytes of data
- Contributed improvements that are currently used daily by over 1,000 users and generate hundreds of daily reports

PROJECTS

Discord Bot | *Discord.py, PRAW*

- Created bot to manage permissions and verification for 100+ users in server
- Bot capable of parsing users requests to retrieve information through Reddit API

Personal Website

Interactive Monte Carlo Pi Calculator | *D3.js*

Letterboxd Movie Recommender | *TensorFlow, Beautiful Soup*

- Recommender uses TensorFlow to perform matrix factorization
- User data is scraped from Letterboxd webpage

TECHNICAL SKILLS

Languages: Java, Python, C, C#, JavaScript/TypeScript, HTML/CSS, MATLAB
Libraries: scikit-learn, pandas, numpy, PyTorch, TensorFlow
Frameworks: jQuery, Angular
Developer Tools: Git, VS Code, Visual Studio, Eclipse, Postman

ACTIVITIES

McGill AI Society
McGill Society of Undergraduate Mathematics Students
McGill Competitive Progamming Club