

MAX MURAKAMI-MOSES

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EDUCATION

Duke University – Trinity College | Durham, NC

Graduation: May 2026

Bachelor of Science in Computer Science, Bachelor of Arts in Philosophy, Mathematics Minor (GPA: 3.8/4.0)

Relevant coursework: *Algorithms and Data Structures, Computer Systems, Database Systems, Computational Approach to ML, Linear Algebra, Probability, Discrete Math for Computer Science, Problems in Philosophy of Science, Philosophy of Mind, Intro to Ethical Theory, Constitutional Law*

American School in Japan | Tokyo, Japan

May 2022

Summa Cum Laude

PROFESSIONAL EXPERIENCE

Fuqua School of Business — Graduate Teaching Assistant | Durham, NC

Jan 2024 – April 2024

- Served as 1 of 4 TAs for *Innovation and Cryptoventures*, a graduate course at the Fuqua School of business.
- Coordinated with Prof. Campbell Harvey, author of *DEFI and the Future of Finance*, to create class content, answer student questions from across the blockchain space, and grade assignments for 150+ students.
- Lead the installation and operation of the class bitcoin mining operation!

Duke University Research Assistant — Under Professor Daniel Gross | Durham, NC

Sep 2023 – Feb 2024

- Utilized custom built OCR to conduct large-scale text analysis to extract and analyze the influence of scientific funding on 200,000+ Ph.D dissertation topics over the last 80 years.
- Employed LangChain and OpenAI API to categorize 100+ funding sources, enhancing data quality and accessibility.

Lava (<https://www.lava.xyz/>) — Part time software engineer | Durham, NC

Sep 2023 – Jan 2024

- Conducted on-chain analysis on Ethereum to track token transfers and access network activity for strategic insights.
- Integrated infura's and Etherscan's APIs to systemically track wBTC transactions, enabling the extraction of detailed insights into user behavior, including wallet composition, trading patterns, and on-chain interaction with wBTC.

Zentific investment Management — Software Engineer Intern | Tokyo, Japan

June 2023 – July 2023

- Automated the regulatory compliance verification process by using LLaMa and web-scraping (Scapy/Selenium), reducing checking time by 60%, and significantly streamlining our ability to maintain regulatory adherence.
- Built an internal tool that integrated the openFIGI API to eliminate duplicate listings on internal portfolios and documents.

EXTRACURRICULAR ACTIVITIES

Duke Blockchain Lab / BullCityDAO (bullcitydao.xyz) — Undergraduate Co-President | Durham, NC

Sep 2022 – Present

- Engaging over 100+ students from undergraduate, Fuqua, and Law school for Duke's first student-run blockchain forum.
- Communicated with Duke alumni from Coinbase, Suku, and Andreessen Horowitz to create an advisory board to centrally coordinate research initiatives, new student-led ventures, and blockchain education materials. Raised **XX** dollars for the organization. Additionally helped upgrade and maintain the BullCityDao website.

Hack NC — 1st place out of 250+ competitions. Winner of Best Overall Hack | Durham, NC

Nov 2022

- Created Colormation, a Chrome extensions and mobile app that allows autistic individuals to strengthen associations between emotions on their own. The full project description here: <https://devpost.com/software/emote-8olims>
- Used NLP to perform live sentiment analysis on YouTube captions in order to alter the caption background according to the emotions being expressed in the video. The mobile app functioned similarly but used live audio as input instead.

HackDuke — 3rd place out of 150+ competitions on the Health/Wellness Track | Durham, NC

Oct 2022

- Created Manus.AI, an innovative web-app platform that integrated computer vision, neural networks, and an intuitive UI to translate ASL into text via the computer camera. Full project description here: <https://devpost.com/software/manus-ai>
- Created a custom pipeline to collect and label original ASL signing data due to the lack of publicly available training data.

SKILLS AND INTERESTS

Technical Skills: Java/Python (Comfortable), React/JavaScript/aws s3/Git (Intermediate/Beginner)

Interests: Blockchain technology, health and wellness space, Zen meditation, and endurance events (Iron Man/Badwater)