Kyle Anthony Williams

◉ Brooklyn, NY; Cambridge, MA   ✉ kyle.anthony.williams2@gmail.com   🔗 kawcco.com   ⌕ supersonichub1

ⓘ 0009-0001-3193-328X

Introduction

Kyle Anthony Williams (he/him/his) is (primarily) a computer scientist, currently studying CS at the Massachusetts Institute of Technology.

Education

BS   **Massachusetts Institute of Technology**, Electrical Engineering and Computer Science (Canidate)   Sept 2023 – present

Experience

Amazon Web Services, Software Development Engineer Intern, Amazon Detective   Boston, MA
June 2024 – Aug 2024
2 months
- Improved database integrity through implementation of Lambda

MIT Plasma Science and Fusion Center, Student Researcher   Cambridge, MA
Feb 2024 – present
6 months
- Training a performant, interpretable image segmentation model for materials analysi with human-level accuracy through novel combination of linear genetic progrmaming, fixed-point programming
- Member of second cohort of Fusion Undergraduate Scholars ↗ program

MIT D-Lab, Student Engineer   Cambridge, MA
Sept 2023 – Dec 2023
3 months
- led re-write of interactive EN-ROADS-inspired dashboard for understanding the climate effects of MIT's HVAC systems
- implemented procedure for robustly enforcing code readability, portability
- taught Git, Poetry to numerous team members as part of onboarding

Streamforge, Assistant to Head of Engineering   Montreal, Quebec
June 2023 – Aug 2023
2 months
- Designed and implemented numerous exploratory LLM-based products for clients for clients to gain better insight on advertising effectiveness
- Reverse-engineered TikTok web API to implement new collection of data collection microservices

Presentations

"Using Human-Interpretable Machine Learning to Automate Materials Analysis"   May 2024
- presented at AM2F 2024 ↗
- shared methods, preliminary results of PSFC computer vision research

Technologies

Languages: Python, JavaScript, TypeScript, SQL, Rust, Java, C, MATLAB

Technologies: Linux, Windows, SQLite, Git, Google Workspaces, Microsoft Office