

Christopher MARTIN



PROFILE

A fervent **computer science** student with 2 years of experience in software development. Proficient in Python and C#/C++ programming, I have successfully developed a Twitter bot, trained large language models, developed systems in Unity, designed many web-crawlers for data extrapolation purposes, and tutored students in the art of programming. Demonstrated strong problem-solving skills through leadership roles in software development where I continue to work alongside social scientists and engineers to design software.

CONTACT DETAILS

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github.com/adammartin13

SKILLS

- Python, R, C++, C#, Java
- Pandas, Spacey, Android, SQL
- Machine Learning, Web Automation, Unity
- Photography, Writing, Bouldering
- Industry and Research experience

EDUCATION

B. COMPUTER SCIENCE *Iowa State University.*

May 2025

◇ Software Design & Development, Machine Learning, Algorithm Analysis, Project Management, Database Management Systems, Programming & Algorithm Design, Computer Architecture and Machine Coding, Philosophy of Technology, and Technical Communication.

EXPERIENCE

ENDPOINT APPLE TECHNICIAN at *ISU ITS (Ames, IA).*

2024.03–pres.

◇ Provide Apple support and diagnostics for university administration. Diagnostics include Jamf enrollment, Active Directory integration, hardware repair, data back-up and security, workstation and university lab installations, software deployment, and user guidance on MacOS/iOS.

◇ Apple MacOS/iOS, Jamf, Active Directory, Data Security, Hardware.

RESEARCH ASSISTANT at *ODU (Norfolk, VA).*

2023.06–2023.08

◇ Developed and trained a Large Language Model for detecting Russian Disinformation surrounding the Ukraine War.

◇ Machine Learning, Natural Language Processing, Web Crawling, Social Science and Analytical skills.

R&D INTERN at *ACS Technologies (Florence, SC).*

2022.02–2023.06

◇ Patched and redesigned website features for ACST's service portal. Conducted research with Heretto support and applied fixes in collaboration with the companies writers, community managers, designers, and developers.

◇ Javascript, CI/CD, Web Design, DOM Editing, Figma, SCRUM, and Team Communication.

PROJECTS

IRYNA: A DISINFORMATION LLM

2023.08–pres.

◇ Continuing development of the large learning model alongside my research partner Iryna from Old Dominion University. I've developed a high security web crawler for obtaining article data both to train our model as well as perform sentiment analysis to better understand the impact of Russian disinformation on Ukrainian migrants. Currently our data consists of five thousand labeled articles pertaining to the Russia v. Ukraine war.

◇ Python, R, Spacey, Pandas, Selenium, and SerpAPI.

FACIAL RECOGNITION

2021–pres.

◇ Leading a small team to develop algorithms for understanding facial landmark data as it pertains to facial expression so as to better predict and understand human emotion.

◇ Python, Pandas.

POLICE BRUTALITY BOT

2020

◇ Developed a Twitter bot @BotBrutality for tracking and cataloguing incidents of police brutality as they were happening over the social media site. The objective was to provide a layer of anonymity for those distributing the content while holding the officers accountable.

◇ Python, Twitter API, Google Sheets API.

TUTORING

2023–pres.

◇ I'm training three students across two groups the basics of software development. I offer a ten part course including one on one personal project development covering Python, object oriented coding, hardware, web development, database and project management.

◇ Python, C++, LEGv8 Assembly, HTML/CSS, Javascript, Bootstrap, SQL, MongoDB, Postman, NodeJS, and Unity.

