Christopher **Martin**

Profile

A fervent software developer with 2 years of experience in R&D and industry. Proficient in Python and C#/C++ programming, I have successfully developed a Twitter bot, trained large language models, developed Healthcare systems, and designed many web-crawlers for data extrapolation purposes.

Contact details

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☷ github.com/adammartin13

Skills

- Python, R, C++, C#, Java
- Pandas, Spacey, Android, SQL
- AI, Machine Learning, Web Automation, Healthcare
- Industry and Research experience

Website

adammartin.coffee

Education

B. Computer Science *Iowa State University*.　　**May 2025**
◇ Trustworthy Healthcare Software, Principles of AI, Machine Learning, Software Design & Development, 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)*.　　**2023.08–pres.**
◇ Provide Apple support and diagnostics for university administration. Diagnostics include Jamf enrollment, 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, Cisco, Workday, Data Security.

Research Assistant at *ODU (Norfolk, VA)*.　　**2023.06–2023.08**
◇ Trained and developed 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)*.　　**2021.12–2023.06**
◇ Redesigned website features for ACST's services wiki. Applied updates in collaboration with the companies writers, community managers, designers, and developers.
◇ Javascript, CI/CD, Web Design, DOM Editing, Figma, SCRUM, and Team Communication.

Cumulative Software Development Experience:　　**1 year 10 months**
Cumulative IT Experience:　　**3 years 5 months**

Projects

Iryna: A Disinformation LLM　　**2023.08–pres.**
◇ Developing a large learning model alongside my research partner Iryna from Old Dominion University. Developed a web crawler for obtaining article data both to train our model and perform sentiment analysis. Data is tokenized in R for model training purposes.
◇ Python, R, Spacey, Pandas, Selenium, and SerpAPI.

A*-Monte Carlo Adversarial Search Agent　　**Spring 2025**
◇ Developed a hybrid A*-Monte Carlo adversarial search agent for capturing and avoiding targets developed by other teams in an AI class. My agent was placed in a series of competitions to which it placed in all competitions with perfect marks. The models, maps, and paper are all published on my GitHub.
◇ AI, Search Algorithms, Heuristics, and Python.

Emotion Recognition　　**Summer 2021**
◇ Developed an algorithm for understanding human emotions via landmark data obtained through facial recognition programs.
◇ Python, Pandas, dlib, health sciences.

Police Brutality Bot　　**Summer 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.