Christopher MARTIN

PROFILE

A fervent software developer and IT technician with 5 years of experience across a wide range of work environments. I'm 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

WEBSITE

adammartin.coffee

EDUCATION

B. COMPUTER SCIENCE *Iowa State University.*   **GPA: 3.0**   **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 *Iowa State University* **2023.08–2025.06**
◇ Provided Apple and Dell support and diagnostics for university administrative departments. 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 the Apple and Windows ecosystems.

UNDERGRAD. RESEARCHER at *Old Dominion University* **2023.06–2023.08**
◇ Developed models for determining the presence of Russian Disinformation online and its impact on sentiment towards Ukrainian migrants. Articles are classified using natural language processing techniques, with data extrapolated from leading experts on Russian Disinformation.

SOFTWARE DEVELOPER at *ACS Technologies* **2021.12–2023.06**
◇ Patched and redesigned website features for ACST's service portal. Conducted research with Heretto support regarding .CSS, .HTML, .JS and .DITA fixes. Designs were drafted in Figma in collaboration with other departments including Design and Content Management. Earlier on in my time here I also added data systems with DataDog and designed and built a web crawler using Selenium and C#.

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.