Adam Ryan

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Education

Undergraduate Degree of Computer Science & Engineering, 2021 – present | Columbus, OH
The Ohio State University ⍐

Professional Experience

Research Assistant, *The Ohio State University* 08/2023 – present | Columbus, OH
NDA

Software Developer, Intern, *RxGames* ⍐ 05/2022 – 08/2023 | Columbus, OH
- Designed and implemented several data-driven UI components to assist patients' application usage and therapy using C#, Unity, and XML/CSV.
- Led game suite through the publication of beta application on Apple's App Store.
- Improved modular game frameworks with new controllable 3d character templates.
- Refactored flagship videogame with team, restored functionality, and reduced coupling.
- Collaborated with team using Azure and Unity DevOps.
- Pull requests, Code Reviews, Framework design, Design patterns, Legacy Code, UI.

IT Systems Student Assistant, *The Ohio State University* 11/2021 – 05/2022 | Columbus, OH
- Provided technical support for a wide variety of hardware and software.
- Maintained support documentation for technology customers in the Ohio State University College of Arts & Sciences.
- Imaged and deployed devices and resolved IT hardware/software issues.
- Collaborated using Microsoft Teams and Team Dynamix.

Freelance IT, *Northeastern Ohio Medical University* 01/2020 – 02/2020 | Rootstown, OH
- Performed data analysis for researchers using Ubuntu and the CellRanger pipeline to sequence RNA for diabetes research.
- Quickly learned and semi-automated the pipeline in order to provide rapid results to the research team.

Skills

Lang+ (x86-64 Asm | C/C++/C# | .NET | Java | Python | JavaScript | Ruby | Rails | Lua | Node | Express | React | Vue | SQLite | MySQL),
Software/Tools (Azure | Git | OOP | Unit Testing | JUnit | Software Testing | Vi/Vim/Nano | GDB | GCC | OS | Game Development)

Projects

Online Liquidation Auction Tracker (Web) 2023
Creator of online auction tracking software (React/Node, Python, Selenium, Flask)

Instagram Unfollower Tool 2022
Creator of an automated Instagram account un-follower tool (Python, Selenium)

Auto-Clicker/Typer 2022
Designed and developed a Windows auto clicker application that allows for precise and simulated mouse/keyboard control (C#, .NET, DLL)

News Article Evaluator 2022
Ohio State's HackAI 4th place winning News Article Legitimacy Evaluation Tool (BERT Vectorization, Python, kTrain, Hackathon)