Dylan McCarthy

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https://www.linkedin.com/in/dylan-mccarthy-78a3451a2/ | https://github.com/Dmac500|
https://dylanmccarthy.dev

Education

University of Illinois in Chicago   Graduation: May 2022

BS degree in Computer Science (Cum Laude)

Skills

Programming languages: C, C++, Python, Java, C#, JavaScript, Go, SQL
Software: Git, GDB, Bash, Unix, Visual Studio, Visual Studio Code, Eclipse, Pycharm, Docker, Jira,Control-M,
ORMB, Zena, Assure, Powershell,

Projects

Faulty Proxy - Python, Javascript.
- Utilized HTTP requests to capture user information
- Implemented Regex for efficient information extraction and package loss mitigation
- Leveraged JavaScript injection techniques to extract additional details from target sources

The Magnitude Impact of Twitter on Cryptocurrency – Python
- Gathered Elon Musk's tweets and Bitcoin/Dogecoin market prices using APIs over a 5-year period
- Performed data cleaning and exploratory data analysis
- Developed time series prediction models for Bitcoin and Dogecoin

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Experience

Blue Cross Blue Shield(HCSC)   **June 2022 - Present**
Associate ORMB Software Engineer
- Maintained and optimized the ORMB application to integrate with the healthcare billing system
- Implemented 3rd party applications (Zena, Control-m, Talend, Assure) to enhance the ORMB application
- Served as head release coordinator, overseeing project deployment scheduling and composition
- Revamped project workflows to improve efficiency and productivity as an engineer

Made To Measure   **June 2021 - August 2021**
Computer Science and Engineering Intern
- Worked with metrology instrumentation to collect data for analysis
- Gained exposure to software development in manufacturing engineering
- Conducted data entry, file management, and report creation for the company database
- Utilized an agile approach to maximize data collection throughput

Moraine Valley Community College   **August 2018 -May 2019**
Computer Science Academic Tutor
- Provided tutoring for general concepts in object-oriented programming (100 and 200 levels)
- Created data structure diagrams and visualizations using a whiteboard
- Assisted with hardware troubleshooting and environment configuration for computer science coursework