

William Rubin

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EDUCATION

University of Maryland

Bachelor of Science in Computer Science

College Park, MD

Aug. 2022 – May 2025

EXPERIENCE

AI Chatbot Developer

Podium

Aug. 2024 – Present

Chicago, IL

- Designing and implementing the conversational interface for the financial purpose of the AI chatbot using Python, allowing users to ask questions regarding financial decisions in the market, in accordance with the SEC.
- Integrated the chatbot with various platforms and backend systems, as well as optimize chatbot performance for speed and responsiveness in real-time activity.

Freelance Game Designer

Roblox

Jan. 2023 – May 2023

Naples, FL

- Used Roblox Studio to create electronic versions of game visuals and internal designs of a horror game, and multiple fighting games within the platform.
- Utilized Lua integrated into Roblox Studio to determine movement mechanics, such as walking, crouching, sprinting, as well as the implementation of gameplay, each game's map, and interactions among players.

Freelance Web Developer

Fiverr

June 2021 - May 2023

College Park, MD

- Developed websites through JavaScript and CSS on the freelance platform Fiverr that provides customers with their own personalized website for their up-and-coming business or their own personal portfolio.

Project Development Manager

Bluestone Apps

Sep. 2019 – July 2022

Knoxville, TN

- Led a team of software developers to develop an application in Java for iOS and Android called “Breast Implant Design” to assist women with breast cancer to try on breast implants of different sizes.
- Utilized AR to properly visualize breast implants on a person's body with a 95.2% success rate on analyzing a person's body through a phone's camera.

PROJECTS

Personal Portfolio | *HTML, JavaScript, CSS*

June 2022 – Present

- Implemented a modern, user-friendly interface that showcases skills, projects, and contact information effectively.
- Leveraged JavaScript for interactive elements and animations to enhance user experience, ensuring compatibility across devices and browsers
- Employed CSS for styling and layout, focusing on a cohesive visual design and intuitive navigation.

AI Stock Price Prediction | *Python, Julia, R*

June 2024 – Aug. 2024

- Developed a stock price prediction model as part of a data science summer project, utilizing Google Colab to analyze and predict stock prices with an impressive 97.3% accuracy.
- Leveraged AI and machine learning algorithms to process historical stock data and generate predictive insights.
- Successfully demonstrated the application of advanced data science methods to financial forecasting, showcasing practical skills in AI-driven predictive analytics.
- Focused on feature engineering, model tuning, and evaluation techniques to optimize performance.

TECHNICAL SKILLS

Languages: Python, Pandas, SQL, C, Java, JavaScript, HTML, CSS, Rust, LUA

Frameworks: React, Node.js, JUnit, WordPress

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib, MATLAB