Andrew Babes

773-899-3831 | babesandrew@gmail.com | LinkedIn

WORK EXPERIENCE

ECLIPSE DESIGN TECHNOLOGIES, INC.   **Chicago, Illinois**

Software Engineer   *Jun 2023 - Present*

- Led the migration from physical servers to Azure cloud infrastructure, achieving $15,000 in monthly cost reductions and greater operational flexibility.
- Spearheaded the reorganization and optimization of the API folder, streamlining API call management by removing redundant code and enhancing system maintainability cutting code base size by 40% decreasing errors by 25%.
- Optimized backend processes to facilitate seamless saving and loading functionalities across diverse web browsers, resulting in a 15% decrease in load times and increased overall platform stability.
- Standardized data collection processes by integrating new handlers, resulting in a 25% improvement in data consistency and accuracy across distributed databases.
- Engineered the development of a system using Coinbase and Yahoo APIs to collect and analyze market trading data, including historical performance and market volume changes, and created predictive models with TensorFlow to forecast market trends.

EDUCATION

DePaul University   **Chicago, Illinois**

Bachelor of Science (B.Sc.) in Computer Science   *Graduation Date: Jun 2023*

CERTIFICATIONS

- Azure administrator
- Azure Fundamentals
- IBM AI Engineering by IBM
- IBM Full Stack Software Developer by IBM,
- Google Cybersecurity by Google.

SKILLS & INTERESTS

Skills: Problem Solving, Critical Thinking, Communication Skills (Oral & Written), Team Collaboration, Adaptability, SQL, Python, Microsoft Excel (advanced usage), Data Analysis, Power BI, React, Tensorflow, DataBricks, LLMS, Microsoft Office Suite (Word, PowerPoint), Continuous Learning, Linux.

Interests: Robotics, High-Frequency Trading, MMA, Powerlifting, Traveling, Reading