SEAN WIRYADI

50 West 34th Street 17A5, New York, NY 10001
✉ Sean.wiryadi16@gmail.com in linkedin.com/in/seanwiryadi 🌐 sean292002.vercel.app 📞 +13473394605

Education

New York University   **New York, NY**
B.S. in Data Science, GPA: 3.687 Dean's List   *Sep 2021 - Present*
Relevant Coursework: Data Structures, Advanced Machine Learning, Causal Inference, Data Management & Analysis, Natural Language Processing, Responsible Data Science and Advanced Data Science.

Experience

Cooked.ID   **Jakarta, Indonesia**
Founder   *Jun 2021-Present*
- Launched a monthly subscription-based service offering exclusive access to notify members of new releases made by retailers.
- Achieved a consistent **90%** member retention rate and attracted an average of **100 new members** each month.
- Generated revenue of **100 million IDR** within the first three months and maintained a monthly profit of **40 million IDR**.

Klinik Pintar   **Jakarta, Indonesia**
Data Scientist Intern   *Jun 2023 - Aug 2023*
- Analyzed a dataset of 10 potential clinic sites, focusing on factors like land cost, population density, and public access to select the optimal location for a new clinic.
- Utilized PCA and regression to forecast site profitability based on economic capacity, accessibility, and demand.
- Presented a report recommending a site, resulting in a **50%** monthly increase in visits, doubling patients in two months.

Verdhana Sekuritas   **Jakarta, Indonesia**
Research Intern   *Jun 2022 - Aug 2022*
- Conducted in-depth market research and data analysis across mining, and fossil fuel sectors in Indonesia.
- Advised on long and short positions in equities based on comprehensive stock analysis.
- Contributed to the development of monthly client reports by preparing market assessments and competitors analysis.

CLSA Sekuritas   **Jakarta, Indonesia**
Research Intern   *Dec 2021 - Jan 2022*
- Analyzed the financial stability and growth prospects of five healthcare companies during COVID-19.
- Utilized logistic regression to project revenue trends, compiled it into a report that recommended buying stocks of **two** companies.

Personal Projects

Automation Program for Exclusive Sneakers and Concert Tickets   **Jun 2021 – Present**
- Developed an automation program to seamlessly execute purchases of limited-edition sneakers and concert tickets.
- Boosted the tool's efficiency and success rate by integrating multi-threading, using proxies for broader access, and implementing captcha bypass strategies, achieving nearly **1000 successful checkouts**.
- Implemented robust error-handling mechanisms to ensure high success rates.

Automation Program to Secure Highly Sought-After Reservations   **Aug 2022 – Present**
- Engineered a software tool to automate the process of obtaining high-demand restaurant reservations through Resy achieving nearly **50 successful reservations**.
- Developed a notification system to alert users when a timeslot becomes available using the Resy API on Discord and Telegram.

Script Development   **Jun 2021 – Present**
- Developed a web crawler using Beautiful Soup to scrape data and notify users on updates like housing, stock prices, and new product listings across targeted websites with real-time notifications through Discord and Telegram.
- Optimized the performance of scripts by implementing multi-threading, significantly reducing the time for data collection.
- Implemented robust error handling and recovery mechanisms to ensure the stability of scripts during extended operations.

Extra Curricular Activities

New York University Indonesian Student Association Treasurer   **Sep 2021 – Aug 2023**
- Oversee the financial health of **5** different departments and present monthly performance updates to executive members.
- Organize meetings between department heads to determine future strategic action plans such as events.
- Manage overall function of association's finance activities including financial reporting and budgeting.

Technical Skills

Coding Languages: Python, HTML, Java, JavaScript, CSS, C++, R, SQL
Frameworks/Libraries: React, NodeJS, PyTorch, TensorFlow, Scikit-Learn, BeautifulSoup, Requests, Selenium
Tools/Platforms: MongoDB, AWS, GCP, Microsoft Office, Canva, Figma
Languages: English, Mandarin Chinese & Bahasa Indonesia
Activities: Football, Golf, Indonesian Student Association & Data Science Club