Ben Luis

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EDUCATION

University of North Carolina, Chapel Hill — Chapel Hill, NC
Bachelor of Science in Computer Science and Statistics — *Aug. 2023 – Present*

EXPERIENCE

Undergraduate Research Assistant — Oct. 2024 – Present
UNC Kenan-Flagler Business School — *Chapel Hill, NC*
- Utilized Selenium and BeautifulSoup4 to scrape and analyze data from web sources for business research.
- Processed and structured large datasets using pandas for efficient analysis and reporting.
- Developed automation scripts to extract, clean, and organize research data from online sources.
- Implemented robust error handling, logging, and regular expressions to ensure data accuracy.

Founder & CEO — Nov. 2022 – Present
Aeris Studio — *Singapore*
- Launched a custom keyboard business with a global customer base, generating $100,000 in revenue within 6 months.
- Automated 3D rendering processes using Blender scripts, reducing rendering time by 90%.
- Optimized business operations, reducing overall expenses by 20% while improving efficiency.

Military Security — Oct. 2021 – July 2023
Singapore Armed Forces — *Singapore*
- Specialized in high-pressure military security operations, ensuring discipline and professionalism.
- Applied analytical skills to assess and mitigate security risks.

PROJECTS

ToLatex | *Python, Flask, OpenAI API, Pandas* — Sep. 2024 – Oct. 2024
- Built a Python-based Flask web app integrating OpenAI's API to process PDFs and images into LaTeX documents.
- Streamlined data processing with Pandas and optimized image preprocessing to improve output accuracy and reduce processing time.

TECHNICAL SKILLS

Languages: Python, Java, C, SQL, Shell/Bash, HTML/CSS
Frameworks: Flask
Developer Tools: Git, Blender, Docker, VS Code, Visual Studio, PyCharm, IntelliJ
Libraries: Pandas, Selenium, Beautiful Soup, NumPy

AWARDS

CSSCOM Award — 2022
Singapore Armed Forces — *Recognized for exceptional performance and dedication during Exercise Wallaby 2022.*

LANGUAGES

English, Chinese, Indonesian, Spanish — -