Manimaran Pramoth

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SUMMARY

Information Systems undergraduate eager to harness technology, especially AI, to drive innovation across industries. Actively seeking internship opportunities to gain deeper insights into the corporate world while contributing to meaningful projects.

EXPERIENCE & PROJECTS

Digital Assets Research Assistant | Northern Trust — Jun 2024 – Oct 2024

- Researched on the present market trends of various digital assets such as public equities and cryptocurrencies.
- Analyzed the financial reports of financial institutions and business and suggested alternative investments.
- Implemented data-driven analysis to optimize investment strategies.

Full Stack Developer | Harvest Education (NUS Enterprise) — Aug 2024 – Dec 2024

- Developed and optimized key components of Harvest's Learning Management Platform using React.js and Next.js, enhancing user experience and platform performance.
- Implemented cloud-based solutions on AWS to ensure scalability, security, and high availability of the platform.
- Collaborated with cross-functional teams to design and deploy new features, including data analytics dashboards, improving both student and teacher engagement.

JoiNUS| Orbital (Apollo) — May 2024 – Aug 2024

- Designed and developed the JoiNUS mobile application, a comprehensive platform aimed at enhancing the experience of international and exchange students at NUS
- Integrated multi-language support and interactive tools, enabling users to connect with local and international peers, explore Singaporean culture, and easily navigate the NUS campus

AI Developer | SearchScrape — May 2024 – Aug 2024

- Designed and implemented a modular backend architecture using FastAPI to dynamically orchestrate AI-powered web scraping bots with asynchronous processing, enhancing scalability and maintainability
- Integrated scrapegraphai with subprocess-based scraping and Python's asyncio, leveraging AI models for intelligent data extraction while ensuring robust error isolation and seamless handling of diverse scraping configurations.

EDUCATION

National University of Singapore (School of Computing) — Aug 2023 – Aug 2027

Bachelor of Computing in Information Systems (Year 2)
- CS1010J, CS2030 (OOP & Functional Programming), CS2040 (Data Structures & Algorithms)
- 1st Runners-up, NUS Fintech Summit Hackathon 2024
- Analyst, Business Analytics Consulting Team
- NUS X Temasek Stock Pitch Competition 2024

Anglo Chinese School Independent

International Baccalaureate Diploma Programme | 41/45 points

ADDITIONAL INFORMATION

Languages: English, Tamil | **Skills:** Java, React.Js, Python, Financial Markets| **Interests:** Football, Running