



HAMED, Arif (Ari)

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Portfolio: <https://arialhamed.github.io/>

Languages: English (Business), Bahasa Melayu (Conversational)

SUMMARY

- Proficient in skills involving machine learning, process architecture, and data analysis
- Possesses abilities in creativity, leadership, problem-solving, and communication
- Experience in full-stack web development and big data, with knowledge of database administration and application security
- Strong expertise in Python programming, operating system administration, and robotic process automation

PROFESSIONAL EXPERIENCE

Micron Technology, Singapore

2023/10 – Present

Digital Innovation Analyst

- Established a robust data-entry system for KPI tracking, focusing on error-proof design & data-centric methodology, using proprietary & open-source tools, allowing 25% man-hour savings department-wide & enhanced accuracy of dashboards
- Published multiple site-wide productivity & strategic tools, accomplished by enhancing workflows & user experience, using provided company tools & resources, enabling zero errors, expedited automation & processes and reduced manual touch points, up to 50% man-hours saved across multiple departments

TomoWork Ltd, Singapore

2023/03 – 2023/06

Participant

- Collaborated in a corporate-student project with a team of 5 to enhance the legacy service process within a world-leading semiconductor company, achieved by improving the data structure and user interfaces using proprietary tools, including automation, resulting in an optimization and improved efficiency of up to 45% in the service cycle

EXTRA-CURRICULAR ACTIVITIES

Pathlight School – Student Council

2018 – 2019

Vice-President (EXCO)

- Organized school events with President of the Student Council, such as an inter-school flea market, which raised more than SGD\$4000 in donations for a local orphanage
- Coordinated a camp collaboration between the Student Council and Pathlight Secondary's Boy Scouts, resulting in an average participant satisfaction level of 9.1/10 based on surveys

Pathlight School – Youth Choir

2018 – 2019

President

- Maintained good relations with The Harvard Din & Tonics, ensuring a 100% continuation of partnerships in subsequent years
- Organized multiple special needs charity and advocacy events, such as A Very Special Walk 2018, raising more than SGD\$600,000 for disability non-profit organizations

SKILLS/ QUALIFICATIONS/ ACHIEVEMENTS

- Google Coursera – IT Automation with Python (Python, Linux)
- Google Coursera – Data Analytics Professional Certificate (R)
- Bloomberg for Education – Environment Social Governance (ESG) Certificate
- AWS Academy – Machine Learning Foundations Certification of Completion (Python, Machine Learning)
- NVIDIA DLI – Fundamentals of Deep Learning Certificate of Competency (Python, Deep Learning)
- Linux, Microsoft Power Platform, UiPath, Version Control (Git), JavaScript

EDUCATION

Diploma in Information Technology, School of Information Technology, Nanyang Polytechnic, Singapore

2020/04 – 2023

Diploma Plus, Machine Data Analytics & Operational Intelligence, Nanyang Polytechnic, Singapore

INTERESTS

- Fine-crafting in modern origami & needlework – A collection of intricate arts that focus on fine motor skills and hand-eye coordination, requiring surgical precision and hyper-focus, with projects lasting from hours to days
- Leisure programming and data archival – Pushing the limits of Python and further understanding concepts of artificial intelligence by creating machine learning models for niche use, leisure, and entertainment, as well as improving the quality of life in computer usage
- Musician (Electric Guitar, Bass, Vocalist) – Involves basic music theory and a basic understanding of audio software and acoustics for recording, as well as music production as an individual or in a band