



## HAMED, Daing Arial

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

### SUMMARY

- Proficient in skills involving machine learning, process management, 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 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 corporate-student project with team of 5 to enhance the legacy service process within world-leading semiconductor company, achieved by improving the data structure and user interfaces using proprietary tools, including automation, resulting in optimization and improved efficiency of up to 45% in service cycle time.

### 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), Data Analytics Professional Certificate (R)
- American Productivity & Quality Centre – Process Design Essentials, Process Framework Essentials
- 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

**Bachelor of Engineering in Electrical & Electronics Engineering**, Singapore Institute of Technology, Singapore

2025/01 – 2028

**Diploma of 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.