



## 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

#### 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 optimisation and improved efficiency of up to 45% in the service cycle

#### InfoSpace Pte Ltd, Singapore

2022/03 – 2022/05

*IT Intern*

- Enhanced the Windows RPA bot by improving logic with UiPath Studio, resulting in a robust and readable daily reporting system that empowered daily company productivity by 15%
- Established a high-speed RPA by developing it in Python and utilising the Outlook API, speeding up the daily reporting process and resulting in a five-fold increase in automated process speed and greater accuracy in reports compared to the UiPath RPA bot

### EXTRA-CURRICULAR ACTIVITIES

#### Pathlight School – Student Council

2018 – 2019

*Vice-President (EXCO)*

- Organised 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
- Organised multiple special needs charity and advocacy events, such as A Very Special Walk 2018, raising more than SGD\$600,000 for disability non-profit organisations

### SKILLS/ QUALIFICATIONS/ ACHIEVEMENTS

- 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)
- IBM – Penetration Testing, Incident Response and Forensics
- Linux, MS Power Apps, 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 needlework and modern origami – 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