



## HAMED, Arif (Ari)

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

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

### SUMMARY

- Aptitude in skills involving machine learning, process architecture, and data analysis.
- Possesses abilities in creativity, leadership, problem solving & communication.
- Accomplished experience in full-stack web development & big data, with knowledge in database administration & 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 corporate-student project with team, enhancing legacy service process within world-leading semiconductor company, by improving data structure & user interfaces with proprietary tools including automation, resulting in optimization & improved efficiency up to 45% of service cycle.

#### InfoSpace Pte Ltd, Singapore

2022/03 – 2022/05

##### IT Intern

- Enhanced Windows RPA bot, by improving logic with UiPath Studio, resulting in robust & readable daily reporting system, empowering daily company productivity by 15%.
- Establish high-speed RPA, speeding up daily reporting process, by developing in Python & Outlook API, resulting in 5-fold increase in automated process speed & greater accuracy in reports compared to UiPath RPA bot.

### 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 camp collaboration between Student Council & Pathlight Secondary's Boy Scouts, resulting in an average participant satisfaction level of 9.1/10 from survey.

#### Pathlight School – Youth Choir

2018 – 2019

##### President

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

### 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 – 2023/04

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

### INTERESTS

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