



## 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.
- Substantial experience in full-stack web development & big data, with knowledge in database administration and application security.
- Strong expertise in Python programming, operating system administration and robotic process automation.

### PROFESSIONAL EXPERIENCE

#### TomoWork Ltd, Singapore

13 March 2023 – 1 June 2023

*Participant*

- Lead 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

7 March 2022 – 27 May 2022

*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)*

- Strategized school events with President of the Student Council, including fundraising with inter-school flea market from school member's items, succeeding more than SGD\$4000 donated to local orphanage.
- Coordinated camp collaboration between Student Council & Pathlight Secondary's Boy Scouts, resulting participant satisfaction level at 9.1/10 from survey.

#### Pathlight School – Youth Choir

2018 – 2019

*President*

- Liaised with *The Harvard Din & Tonics* for *A Very Special Walk 2018* performance, signature fundraising event of Autism Resource Centre, more than SGD\$600,000 fund-raised for disability non-profit organizations.

### SKILLS/ QUALIFICATIONS/ ACHIEVEMENTS

- Google Coursera – Data Analytics Professional Certificate (R) April 2023
- Bloomberg for Education – Environment Social Governance (ESG) Certificate April 2023
- AWS Academy – Machine Learning Foundations Certification of Completion (*Python, Machine Learning*) February 2023
- NVIDIA DLI – Fundamentals of Deep Learning Certificate of Competency (*Python, Deep Learning*) November 2022
- IBM – Penetration Testing, Incident Response and Forensics December 2020
- Linux, MS Power Apps, UiPath, Version Control (Git), JavaScript

### EDUCATION

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

April 2020 – May 2023

**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.
- Casual programming & data archival – Pushing the limits of Python & understanding further concepts of AI by creating machine learning models for niche use, leisure & entertainment.
- Musician (E. Guitar, Bass, Vocalist) – Involves basic music theory & basic understanding of audio software & acoustics in recording.