# Seah Bryan

**Undergraduate in BSc (Hons) Applied Artificial Intelligence**

Singapore, SG
(+65) 98569939
LinkedIn: linkedin.com/in/seah-bryan/
Email: seahbryan19@gmail.com
GitHub: https://github.com/sbryan19

## EXPERIENCE

**Singapore Institute of Technology, SG** *– Software Engineer*

MAY 2023 – OCT 2023

- Developed a responsive and intuitive frontend for an application in a research project.
- Collaborated on the design of the UI to include intuitive and user-friendly elements.
- Coordinated with the backend development team to ensure consistent alignment and progress.

**Sopra Steria Asia, SG** *– Software Development Intern*

JUNE 2019 - JANUARY 2020

- Developed intuitive BIRT reports, providing actionable insights to users.
- Employed various aggregation and data-storytelling techniques to improve visual elements in reports.
- Participated in UAT sessions with end-users, to validate and verify accuracy and correctness of reports.
- Explored creation of basic BIRT reports using Tableau.

## EDUCATION

**Singapore Institute of Technology** *– BSc (Hons) Applied Artificial Intelligence*

AUG 2022 – PRESENT

**Temasek Polytechnic** *– Diploma in Big Data Management and Governance*

APR 2017 - MAY 2020

# PROJECTS

**Arabic Hand Sign Detection** – *Singapore Institute of Technology*
- **Object Detection:** Developed an Object Detection model using PyTorch to detect Arabic Hand Signs in images.
- **Finetuning:** Performed hyper-parameter tuning to optimize accuracy and efficiency.
- **Evaluation:** Built custom implementations of evaluation and testing metrics, enhancing the accuracy and effectiveness of the model.

**EuroSAT Land Use and Land Cover Classification** – *Singapore Institute of Technology*
- **Multiclass Classification:** Developed a Multiclass Image Classification model in PyTorch, built on a pre-trained ResNet18 model.
- **Custom Dataset:** Built a custom dataset class to facilitate efficient data management.
- **Evaluation:** Performed relevant evaluation metrics to assess model performance.

**Reservations Telegram Bot** – *Corporate Enterprise*
- **Python:** Developed a Telegram Bot using Python, that streamlines the booking process for a Business Development team in the company.
- **UAT:** Participated in User Acceptance & Load Testing to ensure that process flow and efficiency is up to expectations.
- **Project Collaboration:** Handled and participated in requirements gathering and change management to enhance better user experiences and efficiency.

# CERTIFICATIONS

**Google Cybersecurity Certificate** - *Online certificate*
DEC 2023 - DEC 2023

**Google Data Analytics Certificate** - *Online certificate*
AUG 2023 - AUG 2023

# TECHNICAL SKILLS

**Programming Languages** – *Python, SQL, JavaScript, PHP*

**Frameworks** – *ReactJS, Flask*

**Libraries** – *Pandas, NumPy, Matplotlib, PyTorch, Scikit-Learn*