Papop Lekhapanyaporn

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Education

- **RWTH Aachen University** — Aachen, Germany
  Bachelor of Science in Computer Science — *Oct 2022 – Present*

- **Assumption College** — Bangkok, Thailand
  High school in Science-Engineering degree, GPAX;3.7 — *Jun 2019 – Mar 2022*

Experience

- **SPACE AC** — Bangkok, Thailand
  Software Engineer — *Oct 2020 - Mar 2022*
  - **Mapleseed payload**: Design and Build a can-size satellite with 2 autorotating payload with half-duplex communication in The Anual Cansat competition 2021, Third Place
  - **High altitude balloon satellite and long range communication**: Researched and deploy a weather balloon to collect essential data at the peak altitude of 28 km in the startosphere.
  - **Mentoring**: Mentoring a new comer, training them, and overseeing their work is essential for their success in their role and contributes to the overall success of the organization.

Projects

- **Detect defect in shaving blade - Image processing**: Analysis and detect defects on the single shaving blade provided by Philips in Fraunhofer Hackathon 2023, second place
- **ASL to text - Image classification**: created an AI for translating American sign language to text and deploy in production. in APAC Microsoft Hackathon 2022, won first place
- **Food management AI - Image classification**: Create ai for food detection and measuring food waste to reduce carbon footprint in AIS Virtual Hackathon 2020, participant
- **Web portfolio - Web development**: A website portfolio for me. Describe my skills, previous education and experience
- **Secret santa - Web development**: A website designed to facilitate the allocation of individuals in a Secret Santa gift exchange.

Programming Skills

- **Language (Expert)** : Python, Typescript, Javascript, HTML/CSS
- **Languages (Competent)**: Java, Haskell, Prolog, R, SQL, C, C++
- **Technology**: Git, Github, Linux, Windows   **Web development**: Next.js, React, Sass, Prisma.js
- **Data science**: Tensoflow, Numpy, Pandas, Scikit, Matplotlib, Jupyter, Colab, Anaconda

Language

- **Thai**: Native speaker   **English**: C2 proficiency   **German**: C1 proficiency