LIANA LING LI YA

A software engineering student
Based in Shah Alam, Selangor

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EDUCATION

- **Tunku Abdul Rahman University College** — Kuala Lumpur, Malaysia
  Bachelor of Computer Science (Honours) in Software Engineering; CGPA:3.9744 — *Oct 2019 – Oct 2022*
  Foundation in Science; CGPA: 4.0000 — *Sep 2018 – Sep 2019*
    - **Skills Learnt:** C++, C♯, Java, Python, ASP.NET, SQL, HTML/CSS/Javascript
    - **Languages:** Proficient in written/spoken Chinese and English; Conversational in Malay

EXPERIENCE

- **LS SMART MACHINERY (M) SDN BHD** — Seri Kembangan, Malaysia
  Junior Software Developer — *May 2021 – Jun 2021*
    - **Requirement Elicitation:** Communicated and documented stakeholder requirements
    - **Project Reporting:** Researched and produced competitor analysis and project costing
    - **Database Design:** Designed, documented and implemented PostgreSQL schema
    - **Backend Setup:** Connected application to Stripe API using Golang and Fiber.ctx

- **RSBAITAI by Turcomp BMB SDN BHD** — Work from home, Malaysia
  Chinese-English Translator — *May 2020 – Nov 2021*
    - **Translation:** Translated and proofread 80+ blog articles and 2 published books
    - **Translation Management:** Created a database using Excel Macros for article tracking

- **Chill Solutions** — Work from home, Malaysia
  Senior Translator — *Nov 2019 – May 2020*
  Junior Translator — *Aug 2019 – Oct 2019*
    - **Translation:** Translated 40+ web novel chapters from Chinese to English
    - **Proofreading:** Proofread and gave feedback on 35+ works by junior translators

- **Chempaka Kota Kemuning, Assembly of God** — Shah Alam, Malaysia
  Chinese Teacher — *Aug 2019 – Oct 2019*
    - **Tutoring:** Handled 3 classes of age groups ranging from 5 to 15 years old

PROJECTS

- **AI Automatic Slide Generator** — Natural Language Processing
  Python, Jupyter Notebook, Markdown Language — *Oct 2021 – present*
    - **Algorithm Implementation:** Summarising text, converting into markdown and generating slides

- **AI Text Summariser** — Natural Language Processing
  Python, Jupyter Notebook — *Sep 2021 – Oct 2021*
    - **Algorithm Implementation:** Researched and implemented 3 abstractive summarisation algorithms
    - **Experiment Design:** Designed an experiment and curated relevant dataset for algorithm comparison that eventually achieved 98/100 marks

- **Art Gallery Website** — Web Development
  C♯, ASP.NET, Vue, Tailwind CSS, HTML/CSS/Javascript — *May 2021 – Oct 2021*
    - **Frontend Development:** Created 5+ pages using self-learned Tailwind CSS and Vue
    - **Backend Development:** Added intra-page and inter-page functionalities using C♯
    - **Database Design:** Designed, documented and implemented SQL Server schema

PUBLICATIONS

Test Publication

ACHIEVEMENTS

- **TARUC President's List certificates:** For GPA 3.9 and above
- **TARUC Certificate in Soft Skills:** In foundation programme
- **Malaysian University English Test (MUET):** Band 5
- **Nanjing University Translation in Practice Online Course Certificate:** Certificate of Completion
- **Cisco Networking Academy CCNA Routing and Switching:** Introduction to Networks Course Completion Certificate
- **Secondary School Awards:** Most Disciplined Student, Highest Average Score, Highest Number of Modules Completed in 2015, 2016 and 2017

ACTIVITIES

- **Google Developer Student Club TARUC**   Google
  Marketing & Creative Lead   *Jan 2021 – Oct 2021*
    - **Account Management:** Managed communication channels on 5 social media accounts
    - **Poster and Caption Design:** Created event posters and relevant captions
    - **Event Hosting:** Hosted the event *Meet the Xperts: A Journey in the IT Industry*

- **Programming League National 2020**   University of Malaya
  Participant   *29th Feb 2020*

- **Innovation and Prototyping Competition 2019**   TARUC
  Participant   *Feb 2019 – Mar 2019*

- **Violin for Beginners Level 1, 2 and 3**   TARUC
  Participant   *Mar 2019 – Dec 2019*

- **Foundation in Science (Track A)**   TARUC
  Class Representative   *Sep 2018 – Sep 2019*
    - **Administration:** Collected fees and printed learning materials for an 18-people class
    - **Coordination:** Communicated with the school management, lecturers and students