

# LIANA LING

A software engineering student's GitHub Profile

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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 requirements from stakeholders
  - **Project Reporting:** Researched and produced competitor analysis and project costing
  - **Database Design:** Designed, documented and implemented PostgreSQL database 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* Sep 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 button, target page and cross-page functionalities using C#
  - **Database Design:** Designed, documented and implemented SQL Server database schema

## ACHIEVEMENTS

- **Tunku Abdul Rahman University College President's List certificates:** For GPA 3.9 and above
- **Tunku Abdul Rahman University College 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

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- **Google Developer Student Club Tunku Abdul Rahman University College** Google  
*Creative Lead* *Oct 2021 – present*  
*Marketing Lead* *Jan 2021 – Jul 2021*
  - **Account Management:** Interacted with and managed 5 social media accounts
  - **Poster and Caption Design:** Created event posters and relevant captions
  - **Event Hosting:** Hosted and facilitated 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** Tunku Abdul Rahman University College  
*Participant* *Feb 2019 – Mar 2019*
- **Violin for Beginners Level 1, 2 and 3** Tunku Abdul Rahman University College  
*Participant* *Mar 2019 – Dec 2019*
- **Foundation in Science Track A** Tunku Abdul Rahman University College  
*Class Representative* *Sep 2018 – Sep 2019*
  - **Class Management:** Collected fees and printed learning materials for a class more than 15 people
  - **Coordination:** Communicated with and gave feedback to the school management and lecturers