

# YONG LONG TAN

## Seattle University

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## EDUCATION

M.Sc. in Computer Science (Data Science Specialization) - 3.64 CGPA

### Seattle University

📅 Sep. 2021 – June 2023 📍 Seattle, Washington, USA

B.Sc. in Computer Science, Magna Cum Laude - 3.88 CGPA

### Seattle University

📅 Sep. 2020 – June 2022 📍 Seattle, Washington, USA

A.S. in Science - 3.92 CGPA

### Seattle Central College

📅 Apr. 2018 – June 2020 📍 Seattle, Washington, USA

## EXPERIENCE

Teaching Assistant, Refactoring & Software Design

### Seattle University

📅 Jan. 2023 – June 2023 📍 Seattle, Washington, USA

- Assisted instructors with workload management by grading homework assignments/papers, providing detailed feedback, and answering student questions
- Demonstrated a deep understanding of course material and reinforced key concepts through grading and feedback.

Resident Assistant

### Seri Omega Private & International School

📅 Aug. 2016 - Nov. 2017 📍 Senai, Johor, Malaysia

- Managed a one-story house of seven students, creating a positive and supportive community atmosphere
- Provided counseling to students facing academic/personal challenges, resulting in a significant increase in student satisfaction and retention rates.
- Demonstrated strong organizational skills by successfully handling administrative tasks

## TECHNICAL SKILLS

- **Languages:** Python, C/C++, Java, SQL, JavaScript, PHP
- **Web Development:** Django, HTML/CSS, JavaScript, RESTful APIs
- **Machine Learning Frameworks:** Pytorch, Tensorflow
- **Data Processing:** Pandas
- **Systems and Tools:** Git, Unix/Linux, Agile
- **APIs:** OpenAI API

## INTERESTS

- Participate in Kaggle competitions related to Natural Language Processing
- Avid reader of machine learning academic papers, posts, and blogs to stay updated on new techniques.

## PROJECTS

Conversational AI Chatbot

📅 June 2023 - Present

- Developed an interactive AI chatbot using Django framework and OpenAI's GPT-3.5 Turbo.
- Managed user information securely and is working on improving the chatbot's capabilities to handle more complex dialogues.

Application of Abstractive Summarization to Conversational Meetings

📅 Jan. 2023 - Mar. 2023

- Managed data preprocessing tasks, converting annotated text to a format digestible by machine learning models.
- Developed web interfaces using Django and integrated transcription and summarization models.

Satchl Loyalty Program Application

📅 Sep. 2021 - June 2022

- Collaborated on developing the student verification system using MSAL (Microsoft Authentication Library), enabling verification of student status through Azure Active Directory.
- Engineered APIs in PHP, allowing vendors to showcase location, operating hours, loyalty status, and more.
- Created multiple backend API endpoints for vendor information management, interacting with databases and utilizing JSON for request and response data.

## PERSONAL SKILLS

- Strong leadership with a proven work ethic.
- Self-motivated with problem-solving abilities.
- Collaborative and appreciative of diverse interests.