

# Teo Choon Keong

📞 +65-97224579

✉️ [teo.ck@u.nus.edu](mailto:teo.ck@u.nus.edu)    [github.com/tckeong](https://github.com/tckeong)

*A passionate student eager to learn and explore anything that sparks curiosity. Seeking an internship opportunity during the summer break from May to August 2025.*

## Education

---

**National University of Singapore**

2023 - 2027

*Bachelor of Computing in Computer Science*

- **Relevant Coursework:** Algorithms, Parallel Computing, Operating System, Artificial Intelligence & Machine Learning, Software Engineering
- **Languages used in Courses:** C++/C, Python, Java, Javascript

## Projects

---

**Web Forum Application for CVWO 2024 Interview** | *React.js, Golang, PostgreSQL* | Fullstack

Nov 2023 - Jan 2024

- Fully CRUD function.
- Used React as frontend framework and Gin as backend framework. Implemented RESTful APIs to facilitate seamless communication between the frontend, backend services, and the database.
- Developed a web forum with user authentication, enabling users to manage their own threads securely.
- Implemented features for adding, deleting, updating, and viewing threads, along with the ability to like, share, and comment on specific posts.
- Deployed the project successfully on Heroku using Docker, ensuring reliable accessibility and performance.

**Spotify Lyrics App** | *React.js, Rust, Tauri* | Fullstack

May 2024 - Jul 2024

- Desktop Application.
- Utilized React as the frontend framework and optimized the user interface with TailwindCSS for a responsive and modern design.
- Leveraged Tauri as the backend framework, integrating actix-web and reqwest to efficiently manage Spotify and lyrics API requests.
- Implemented functionality to display the lyrics of the currently playing song on Spotify, even when the song's lyrics are not available on Spotify.
- Developed a lyrics app that syncs with the user's currently playing song on Spotify and displays its lyrics. Users can save the lyrics or adjust the display speed to match the song's tempo.

## Technical Skills

---

**Languages:** C++, Python, Java, C, Rust, Go, JavaScript, TypeScript

**Frameworks:** React.js, Tauri, Pytorch, Numpy, Gin

**Tools:** Git, Linux, Docker, PostgreSQL

**Concepts:** Machine Learning, Parallel Computing, Algorithms, Computer Network, Operating System, OOP, Functional Programming