Fung Jie Deng

120 Jln Wawasan 3/8, Pusat Bandar Puchong, Selangor 47100

📞 +6011-23827809 ✉ fungjiedeng1027@gmail.com in linkedin.com/in/jie-deng-fung ⬡ github.com/jdfung 🌐 Portfolio

Internship Period: 15 Weeks, 27th March 2023 - 7th July 2023

Education

Xiamen University | **Sep. 2019 – Apr. 2023**
Bachelor of Engineering in Software Engineering - CGPA: 3.27/4.0 | *Sepang, Selangor*

Technical Skills

Languages: Python, Java, Kotlin, C, C++, C#, HTML/CSS, XML, ASP.Net, JavaScript, SQL
Developer Tools: VS Code, Eclipse, Netbeans, Android Studio, Anaconda, Google Collab, Unity
Technologies/Frameworks: GitHub

Projects

Blood donation appointment web application [link] | *ASP.NET, C#, MySQL* | **August 2022**
- Developed a Blood Donation Appointment Web Application using ASP.NET and C# as the primary programming languages
- Designed the website's front-end using ASP.NET, HTML/CSS, and JavaScript, providing a user-friendly interface for scheduling blood donation appointments.
- Utilized AJAX to enable real-time updates and reduce the need for page refreshes, enhancing user experience.

Chronic Health Tracking App [link] | *Kotlin, XML, Android Studio* | **April 2022**
- Created an Android application using Kotlin and Android Studio to track the daily health status of a chronic health patient.
- Implemented the application using XML for the front-end and Kotlin for the back-end, following the Material Design guidelines for a clean and intuitive user interface
- Utilized MockAPI and Firebase as a cloud-based backend to store user data and facilitate real-time updates between devices
- Integrated RESTful API to Process on live user inputs with the backend data.

Vaccination Status Tracking Website [link] | *Java, JSP, HTML/CSS, MySQL* | **September 2021**
- Developed a Vaccination Status Tracking Website using Java as the primary programming language
- Designed the website's front-end using JSP, HTML/CSS, and JavaScript, providing a simple and user-friendly interface that supports the general functions such as account creation, vaccination scheduling, etc.
- Utilized Spring Boot as the primary framework for building the website's backend, and implemented RESTful APIs using Spring MVC to facilitate communication between the website's front-end and the backend.
- Integrated a MySQL database to store user information, vaccination records, and other relevant data.

Undefeatable Tic-Tac-Toe AI [link] | *C++* | **September 2020**
- Designed and implemented an unbeatable Tic-Tac-Toe AI using advanced minimax algorithm with alpha-beta pruning.
- The AI consistently achieved a win rate of 100% against human players.

Experience

Ober Gatlinburg | **April 2019 – September 2019**
Theme Park Operator [Student Exchange Programme] | *Gatlinburg, Tennessee, USA*
- Operate, direct, and explain the use of mechanical riding devices in amusement parks or recreation areas..
- Provide information regarding facilities, rules and regulations
- Proven ability to maintain high standards of safety and guest satisfaction while working in a fast-paced, high-energy environment.

Extracurricular

Volleyball team representative | **2016 – 2017**
Player
- Took part in a competitive volleyball tournament that competes for the the state's MSSD placement
- Collaborated with coaches and teammates to develop and execute strategies for success on the court