Yi Ming **Tan**

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About Me

- **Technical Skills**: Java · Python · JavaScript · Unix/Linux · Latex
- **Technologies**: jQuery · MySQL · mongoDB · sqlite3 · NodeJS · ExpressJS · ASP.NET · Git · Bash · HTML · CSS
- **Tools**: Jira · Confluence · BitBucket · Trello · Visual Paradigm
- **Interests**: Chess · Guitar · Cycling · Rock Climbing · Fitness · Reading

Experience

Neptrix IT Solutions   *Penang, Malaysia*

SOFTWARE ENGINEER INTERN - FRONT-END DEVELOPMENT TEAM   *May. 2020 - Aug. 2020*
- Orchestrated the front-end development of the beta version of the MES ERP system application using ASP.NET framework
- Worked on migration of Bootstrap 3 to Bootstrap 4
- Led design and implementation of a new informative dashboard page, statistical charts and reports, announcement board, shortcuts tab by creating API endpoints, to create a minimum viable product, which all have been highly requested by 60% of our clients
- Utilized JavaScript libraries (Chart.js, jQuery), and AJAX
- Attended meetings with clients for requirements elicitation

Education

Munster Technological University   *Cork, Ireland*

BACHELOR OF SCIENCE (HONOURS) IN SOFTWARE DEVELOPMENT   *Sep. 2019 - Present*
- Cumulative Average: 91%
- Core Modules: OOP, Server Side Web Development, Database Design, Data Structures and Algorithms, Discrete Maths
- Curricular Activities: Website Manager of EnactusCIT.com

Competitions & Projects

Google Hashcode 2020   *Jan 2020*

- Developed quantitative strategies and applied them during the competition against undergraduates and graduates from universities around the globe
- Given a description of libraries and books available, we had to plan which books to scan from which library to maximize the total score of all scanned books, taking into account that each library needs to be signed up before it can ship books
- My teammates and I, managed to obtain 14,406,625 points. This put our group in second place in MTU

Lee Fields Medal Maths Competition 2019   *Oct 2019*

- The questions are based on mathematics no more advanced that what appears in the Leaving Certificate Ordinary Level syllabus
- Scored 85% and managed to get both Second Overall and Best First Year awards

Maze Puzzle   *Jan. 2021 - Jan. 2021*

- A self generating maze puzzle, using Kruskal's Algorithm. Maze board is created via canvas
- Technologies involved: HTML, CSS, JS

Pokemon Game   *Dec. 2019 - Jan.2020*

- Very first personal project that is completed during semester break.
- The logic of this game is very similar to Rock Paper Scissors
- Technologies involved: HTML, CSS, JS