

# Yi Ming Tan

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## About Me

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

## Experience

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### Qualcomm

*Cork, Ireland*

INTERIM ENGINEERING INTERN - GCAD TEAM

*Jul. 2021 - Sep. 2021*

- Proposed a new streamlined software release process for the app owners, which has now been adopted by 100% of all of them
- Implemented Python automation tools for 60+ colleagues to facilitate apps release processes
- Gained experience with industry level codebase, including style, commenting, and notational procedures

### 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 the ASP.NET framework
- 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

## Education

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### Munster Technological University

*Cork, Ireland*

BACHELOR OF SCIENCE (HONOURS) IN SOFTWARE DEVELOPMENT

*Sep. 2019 - Present*

- Cumulative Average: 90.35%
- Core Modules: OOP, Web Development, Database Design, Data Structures and Algorithms, Discrete Maths
- Curricular Activities: Website Manager of EnactusCIT.com

## Competitions & Projects

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### Covid-Tracker

*Jun. 2021 - Jul. 2021*

- Tracks the current impact of the coronavirus pandemic and its spread throughout the world. Data from Worldmeters, updated every 10 minutes.
- Technologies involved: NodeJS + Express
- <https://ming-covid-tracker.herokuapp.com/>

### Tweets-Sentiment-Analyzer

*Jun. 2021*

- An online tool where you can analyze the sentiment of any public Twitter account's posts
- Technologies involved: Flask
- <https://sentiment-analyzer-tweet.herokuapp.com/>

### Valentine's Day Hackathon

*Feb 2021*

- Participated in this Valentine's Day themed hackathon hosted by MTU Cork on Hackerrank
- Scored 92% and ranked 3rd overall, won cash prizes

### The Lee Fields Medal Maths Competition

*Oct 2019*

- Participated in this competition hosted by MTU Cork
- Scored 86% and ranked 2nd overall and Best First Year, won cash prizes