

THEODORIC K. LIM

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Experience

VA Insight Software Pte Ltd

Software Engineer (Full Time) | May 2023 – Present

- Contributed to the development of a data combination detection feature as part of a specialized team
- Developed a tailored bulk data import tool for clients, using Kafka for robust and scalable data ingestion
- Conducted thorough product upgrade tests on Azure VMs running Ubuntu and Red Hat OS
- Played a pivotal role as a core team member in launching our product

Software Engineer (Part Time) | Jun 2022 – Apr 2023

- Employed Python alongside Locust for proficient load testing, ensuring the system is performant under stress
- Developed a specialized tool to generate extensive sets of sample data based on realistic and scalable datasets
- Focused on peer code review to maintain robustness and adherence to quality standards

Software Engineer (Internship) | Dec 2021 – Jun 2022

- Developed CRUD functionalities for User Management, allowing administrators to have control over their user base
- Providing clients the flexibility to reroute authentication to client's existing Active Directory service
- Utilized Agile methodologies and JIRA to work with teams both local and overseas

National University of Singapore

IS2103 Teaching Assistant | Aug 2021 – Nov 2021

- Taught students in a backend development module
- Main focus was on JakartaEE (previously JavaEE) hosted on GlassFish, using Apache NetBeans IDE

MA1213 Teaching Assistant | Jan 2021 – Apr 2021

- Taught students in a mathematics foundation module

DSO National Laboratories

Research Assistant (Internship) | Dec 2016 – May 2017

- Used C# on Visual Studio 2015 and 010 Editor to comb through structure of sample emails
- Researched on Microsoft Outlook 2010, to falsify emails by studying valid emails sent/received

Education

National University of Singapore | Aug 2019 – May 2023

- Bachelor of Computing in Information Systems (with Honours)
- Recipient of SG Digital Scholarship by IMDA

Singapore Polytechnic | Apr 2014 – Mar 2017

- Diploma in Infocomm Security Management
- Recipient of Integrated Infocomm Scholarship by IMDA

Skills

Languages

Python • Java • JavaScript • SQL • HTML • CSS • Markdown

Libraries, Frameworks & Tools

Git • Docker • Vue.js • React • Angular • JSF • JSP • Django • JakartaEE • Spring • MySQL • PostgreSQL

Projects

Slash | Completed a game development course on Udemy using Unreal Engine 5 with C++

Iceium | Course work website selling ice skates, created with Angular, JSF/JSP and JakartaEE

Personal Page | cowturtle.github.io | Designed using Figma, implemented with Vue.js

Expenditure Tracking Bot | Telegram bot integrated with Google Sheets to track expenses

Game Action Repeater & Randomiser | Java application to automate gameplay, simulating player actions