MELO GUAN

SOFTWARE ENGINEER

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WEBSITE
https://meloguan.info

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PROFESSIONAL PROFILE

A highly motivated, proactive, responsive University student from the University of Auckland. I have a real passion for learning Software Development and IT skills. I am also optimistic and active, able to take the initiative and work under pressure. I have strong interpersonal skill and cooperate well with others in a team.

WORK EXPERIENCE

UNDERGRADUATE TEACHING ASSISTANT

The University of Auckland   01 / 2021 - Present

- Lab Demonstrator for Computer Science Stage 1 course.

SUMMER INTERN

KPMG New Zealand   11 / 2020 - 12 / 2020

- KPMG Lighthouse Virtual Project
- Analysis and Recommendations of Publicly Available NZ Police datasets in Safety Aspects.

SOFTWARE ENGINEER INTERN

Latitude Technologies Limited   09 / 2020 - 11 / 2020

- Web development by using asp.net core.
- Designing, developing test plans and implementing by automated testing tools and programs.
- Create logs to document testing phases and defects.
- Deliver thorough QA testing reports that determined product quality and release readiness.

PROGRAMMING TUTOR

Schengen International Group NZ Ltd   02 / 2020 - 11 / 2020

- Teaching python fundamentals and programming principles to high school students.
- Demonstrate the basic web development to students by using HTML and CSS.

EDUCATION

THE UNIVERSITY OF AUCKLAND

Bachelor of science (Computer Science)   2019 - 2021

Activities and Societies:
- Technical Support of New Zealand Chinese Students' Association
- General Executive of Web Development & Consulting Club

Related Courses:
- Functional Programming and Distributed Services (A+)
- Object Oriented Software Development (A+)
- Computer Organisation (A+)
- Software Fundamentals (A+)
- Information Tools for Business (A+)
- Principles of Programming (A)

AWARDS & ACHIEVEMENTS

Certificate of Outstanding Achievement
- Object Oriented Software Development
- Computer Organisation
- Software Fundamentals
- Principles of Programming

SKILLS & ABILITIES

- Python, Java, C programming, C#, SQL, Swift, Google App Script
- Web Development (Html, CSS, JavaScript), .Net Core, XML
- Computer Hardware Architecture
- Information System Management and Microsoft Office

PROJECTS

- Personal Website: https://meloguan.info (HTML, CSS, JavaScript)
- Project Participant: learning to debug programs in introductory computing courses (UoA)
- Github(https://github.com/ygua699):

  - Web Dashboard: The webpage can give students/workers a moment of calm and inspires them to be more productive. The dashboard function includes time and weather check.
  - Payment System: a Payment System consists multiple classes. Build this by following the OOP and Design Pattern in Java.
  - Web Application by using ASP.Net

VISA STATUS

- Students Visa (07/2019 - 07/2022)
  - Legal to work 20 hours per week during school period.
  - Legal to work full time per week during Summer Vacation(18 Nov 2020 - 01 Mar 2021)