MARISA**TJOE**

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EDUCATION

Melbourne Uni
Carnegie Mellon
Trinity College

University of Melbourne
Melbourne VIC, Australia

FEB 2012 – JUL 2013
MAR 2014 – DEC 2014

‣ Bachelor of Science (Computing and Software Systems), Class of 2014

Foundations of Computing	IT Project	Calculus 2
Foundations of Algorithms	Declarative Programming	Linear Algebra
Software Design and Modeling	Graphics and Interactions	Finance 1
Artificial Intelligence	Digital System Design	Accounting 1
Knowledge Technologies	Engineering System 1 and 2	Business Analytics

Carnegie Mellon University
Pittsburgh PA, USA

AUG 2013 – DEC 2013

‣ 1 semester exchange opportunity

15-213 Introduction to Computer Systems	15-437 Web Application Development
15-214 Principles of Software Construction	18-100 Introduction to Electrical and Computer Engineering

Trinity College Foundation Studies
Melbourne VIC, Australia

FEB 2011 – NOV 2011

‣ Received an average mark of 92.5%

EMPLOYMENT

TruckMii
Connect
Pd. Skill
Nando's

Web Developer @ Truckmii
Melbourne VIC, Australia

AUG 2014 – DEC 2014

‣ About TruckMii: An online marketplace startup that makes it easier for event planners to book food trucks.

‣ Assist in the front-end and back-end complete redesign of new website. Built using Django as the backbone web framework. Co-designed pages.

www.truckmii.com.au (Coming Soon)

Developer @ Connect Education
Melbourne VIC, Australia

MAR 2014 – PRESENT

‣ About Connect Education: A student-run startup dedicated to providing VCE students high-quality lectures, classes, digital and physical resources.

‣ Back-end: Assist in coding several back-end systems, such as the booking and check in systems.

‣ Front-end: Completed a full website redesign. Work closely with management, designers, and a back-end developer to create a usable and aesthetically appealing website.

www.connecteducation.com.au

Casual Developer @ PD. Skill
Purwakarta JABAR, Indonesia

JAN 2014 – PRESENT

‣ About PD. Skill: A family-owned SME, selling electronical and mechanical products.

‣ Work closely with business owners and managers to make a system that would ease daily processes and decrease operational cost. Built using the CakePHP framework.

‣ Develop an internal website to store order information between store branches.

Cashier @ Nando's Chadstone
Melbourne VIC, Australia

JUN 2012 – NOV 2012

‣ Obtain experience in hospitality, communication, and work ethics.

EXPERIENCE

ICarE
Melbourne Uni
Melbourne
MicroFinance

Webmaster @ Indonesian Career Expo 2015
Melbourne VIC, Australia

NOV 2014 – PRESENT

- The Indonesian Career Expo is an event hosted by the Melbourne University Indonesian Student Association, aimed at informing Indonesian students about career opportunities and study pathways
- Build and setup a website to promote and store information in relation to this event.

www.indonesiancareerexpo.org

CS Female Ambassador Program
Melbourne VIC, Australia

MAY 2013 – JUL 2013

- Aim: To introduce high school girls to programming and technology in general
- Together with other female students passionate about technology, wrote a short curriculum for a series of workshops on the visual programming platform "Cellular".

Student Representative for ISYS20006
Melbourne VIC, Australia

MAR 2013 – JUL 2013

- Acted as a communication bridge between students and Department of Computing and Information System in Melbourne University.
- Making surveys for students, analyzing the results, and reporting these problems and plausible solutions to the department of IT.

Creative Microfinance Case Competition
Melbourne VIC, Australia

SEPT 2012

- Had the opportunity to submit a business plan to the Ghana microfinance committee in order to aid Ghanaian women earn more profit.
- Selected as one of the top 4 contesting teams.

PROJECTS

SHINY PANDAS
(Not Published)
- Augmented Reality Android game. Uses Metaio SDK to realise.
- Lead a team of 4 people to document and code the game.
- Source code: https://bitbucket.org/mtjoe/shiny-pandas

DARK
(Not Published)
- Windows 8 tablet 3D maze game. Uses Direct3D/X for graphics. Group of 3.
- Source code: https://bitbucket.org/mtjoe/dark

THE CLUB BIZ
(Not Published)
- Ruby on Rails Website which acts as a social media platform for the University's clubs and societies. Group of 3.
- Source code: https://github.com/mtjoe/theclubbiz-website

TECH SKILLS

GENERAL
Python
C
C#
Java
Ruby
MATLAB
Haskell
Prolog
PHP

OS
OSX (main)
Windows
Linux
Unix-based System

WEB DEV
HTML
CSS/SCSS/SASS
JavaScript/JQuery
Ruby on Rails
Django
CakePHP

SYSTEM/ HARDWARE
Arduino
VHDL
Assembly
Bash

DATABASE
MySQL

FIELDS
Algorithms
Data Structures
OO Programming
OO Patterns
Software Processes
Data Mining
Artificial Intelligence
Machine Learning
Information Retrieval
Business Analytics

APP DEV
Android AppDev
Microsoft AppDev
DirectX/3D

SOFTWARE
Eclipse
Github, Sourcetree
Microsoft Office
Adobe Photoshop
ModelSim
Quartus
etc

OTHERS
GIT CLI
XML
JSON

ETC.

LANGUAGES
English (Fluent)
- TOEFL iBT : 102/120
- IELTS : 8.5/10
Bahasa Indonesia (Fluent)
Mandarin (Basic)

OTHERS
Accounting
Finance

INTERESTS/HOBBIES
- Music - Guitar and Piano player
- Books
- Robotics

QUALITIES
- Responsible, driven, and motivated.
- Interested in a wide-range of subjects.
- Adapt easily to new conditions.