Alvin Tan Jian Jia

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Professional Profile

I am able to perform simple data analytics with Python, TensorFlow.

I enjoy using cloud services such as Google Cloud Platform, Amazon Web Services and Microsoft Azure to build products.

I enjoy full stack development from frontend Angular to server-side Apache, Node to databases.

I enjoy developing solutions for different problems using a variety of tools.

Core Skills

* Basic Programming
  + Python
  + Java
  + C
  + C++
* Web Based Programming
  + HTML, JavaScript, CSS
  + Angular Typescript, JQuery
  + SQL
* Platforms
  + Google Cloud Platform
  + Amazon Web Services
  + Microsoft Azure Machine Learning Platform
* Data Analytics
  + Python
  + R
  + Google Cloud Platform
  + TensorFlow
* Data Engineering
  + Apache Spark
  + Apache Kafka
* Operating Systems
  + Linux
  + Windows
* Testing
  + Selenium

Achievements

* Axiata Data Unchained 2018 (Best Data Engineer)
* CIMB 3D Conquest, In Country - Malaysia (1st Runner Up)
* iUM Disrupt 2019 (Champion)
* Petrosains Gerontechnology Challenge 2018 (2nd Runner Up)
* Hong Kong Smart City Datathon 2018 (Participation)
* CIMB 3D Conquest, Grand Finals - Malaysia (Participation)

Career Summary

**December 2018 - January 2019 Axiata Analytics Center**

**Temporary Staff**

Outline:

A member of Myanmar Oredoo site prediction and planning project. Supported NCell Nepal’s current ongoing ChatBot project as well.

Key Responsibilities

* Data engineering, automating the flow of data for analytics
* Simple time series analysis and prediction for congestion models.
* Chatbot report automation

**July 2018 - December 2018 Configura (Design spaces - Configuration made simple)**

**Intern**

Outline:

Contributed to improving Configura’s CET Designer export module for better material handling. Worked on improving CET Designer’s line snapping feature as well.

Key Responsibilities

* Created FBX Export Using FBX SDK for in house .cm drawings
* Worked on image edge detection for line snapping using OpenCV
* Bug fixing based on customer reports

**May 2018 - June 2018 TecForte Sdn Bhd (IT Security Management)**

**Intern**

Outline:

Contributed to TecForte’s backend servers for MSSGARD and the installation of MSSGARD in Asia Pacific University campus.

Key Responsibilities

* Automating installation of packages through bash scripting
* Automating the deployment and build process of source code from Git to production servers

**November 2017 - February 2018 TecForte Sdn Bhd (IT Security Management)**

**Intern**

Outline:

Contributed to TecForte’s main solution MSSGARD which is an IT Security Management software solution which allows users to oversee and address all vulnerabilities of the current system.

Key Responsibilities

* Bug fixing for Angular frontend
* Bug fixing for Java Maven backend
* Sanity, Module and Penetration testing for MSSGARD
* Implemented automated testing for MSSGARD

Education & Qualification

* Singapore-Cambridge GCE A Level Results (78.5/90 Rank Points)
* Malaysia Software Testing Board: Certified Tester Foundation Level (CTFL)

Current Institution of Education: Monash University (3rd Year Student)

Pursuing Degree: Software Engineering

Current GPA: 3.50

Current WAM: 79.00

Volunteer Experiences

**November 2014 - January 2015 Singapore Zoo, Reptile Department**

**Junior Zookeeper**

Outline:

Assign to Singapore Zoo’s Reptile Department for 3 months where I was assigned with basic zookeeper duties. Was given a chance to hold animal interaction sessions with the public.

Key Responsibilities

* Cleaning Duties
* Feeding Duties
* Organise animal interaction sessions with the public.

**June 2014 - June 2015 Braddell Heights Community Club**

**Tuition Teacher**

Outline:

Provided free primary school tuition for primary school students living around Braddell every Wednesday from 4-7pm.

Key Responsibilities

* Guide kids with their homework
* Provide additional homework to help them with their learning

References

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