Kay Men Yap

Computer Science Graduate
Caversham, Western Australia

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Chraser

LinkedIn

Education

Curtin University   Bentley, Western Australia
Bachelor of Science (Science) Computing Major   2018-2020
- Computer Science Stream
- Course Weighted Average: 86.58%
- Awards: Dean of Science Commendation – Semester 1, 2 2018, Semester 2 2019,
                                    Semester 1 2020

Ballajura Community College   Ballajura, Western Australia
WACE   2015-2017
- ATAR: 97.35
- Awards: Ian Walters Excellence Awards 2017
            REACH Achievement Award for Academic Excellence
            Subject Award 2017 – Computer Science ATAR, Accounting and Finance ATAR,
                        Mathematics Applications, Chemistry ATAR

Skills

Programming Languages: C, C++, C#, HTML, Java, JavaScript, Python, R, SQL

Software, Libraries & Frameworks: Android Studio, Azure DevOps, Docker, Git, Latex,
                        Microsoft Azure, Microsoft Office, Microsoft Windows,
                        OpenCV, React, scikit-learn, Linux, .NET Core

Languages: English, Cantonese (Basic verbal communication), Malay (High school level)

Experience in Projects

Participated in **NCSS 2017** (National Computer Science Summer School)
- Worked in a group to develop a social website while learning how to do it in 10 days.
- Designed and implemented a portion of the database as part of the database team of the group.

Student Software Engineer in Capstone group project with Deloitte and Curtin University Aeroplan, a platform based on Azure to optimise the process of flight scheduling for companies with a FIFO workforce.
- Undertook requirements elicitation in consultation with industry clients and refined a software requirements specification to suit market requirements
- Developed a RESTful back end based on .NET Core to deliver rich information to the front end and handle data updates.
- Worked with Azure CosmosDB and commercial APIs to manage large data sets drawn on by flight selection algorithms, allowing consideration of multiple data points to choose optimal flights
- Supported development of a React web application for administrative use and Xamarin based mobile application for FIFO workers with a focus on good user experience
- Trained a machine learning model deployed on Azure Machine Learning to predict flight expenditure allowing rapid risk identification and response

Co-curricular activities_____

2017 Australian Mathematics Competition - Certificate of Distinction
2017 Australian Business Studies Competition – Certificate of Credit
NCSS Challenge 2017 – Beginner (Perfect Score)
NCSS Challenge 2016 – Beginner (Perfect Score), Intermediate (High Distinction)

Interests _____

A.I., Machine Learning, Cybersecurity, Mobile apps

References _____

- Dr. Sie Teng Soh, **Email**: s.soh@curtin.edu.au, **Phone**: +61 892 662 984
- Dr. Hannes Herrmann, **Email**: hannes.herrmann@curtin.edu.au ,
  Phone: +61 892 663 309
- Dr. Antoni Liang, **Email**: antoni.liang@curtin.edu.au, **Phone:** +61 892 662 677
- Andrew Cooksey, **Email**: acooksey@deloitte.com.au, **Phone:** +61 404 007 266