Kim Ney Choong
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EDUCATION

University of Minnesota – Twin Cities	**Minneapolis, Minnesota**

Bachelor of Science – Psychology
Bachelor of Arts – Computer Science   GPA: 3.553

INTI International College Subang Jaya	**Kuala Lumpur, Malaysia**

American Degree Transfer Program   January 2017 – August 2018
Dean's List: Fall 2017

WORK AND VOLUNTEER EXPERIENCE

Axrail Sdn Bhd – Kuala Lumpur
Software Engineer Intern   May 2020 – Aug 2020

- Worked with a team of 13 people to construct an e-commerce application that digitalized the food ordering and delivering platform for a major Japanese convenience store franchise, FamilyMart.
- Implemented AWS technologies including Amplify, AppSync, DynamoDB and Lambda to build a centralized customer portal that allows for more efficient customer communication with sales representatives, eliminating the need for phone support and providing additional operations scale.
- Constructed an administration control panel using Python and ReactJS which allows the business's main office to manage its e-commerce application and marketing strategy with a single dashboard, providing for significant time saving.
- Developed an audit tool in Lambda that track a sequence of activities and changes made by admins providing insights for developers to increase accountability and improve cybersecurity risk.
- Responsible for utilizing ReactJS, HTML5, and SCSS to manage and design the administrative web interface, improving the functionality and optimizations.
- Onboarded a team of 13 new developers by providing guidance and tools on AWS technologies ensuring smooth transitions.

Minnesota Traffic Observatory – University of Minnesota   May 2019 – May 2020
Software Developer

- Created a server using Express.js that serves as a database filtering tools to modify data information that are stored in the database.
- Developed a Python program that extracts data from the PostgreSQL database server and transform it into a text file to assist in data source migration.
- Addressed traffic congestions by monitoring radar sensors at bottlenecks that measure vehicles' speed and provide warning signs to drivers in order to weaken backward moving congestion shockwaves.

Sales Support Team – INTI College
Sales Representative   Jan 2018 – May 2018

- Handled 100+ customer interaction per day while ensuring customer satisfaction is met to promote college, programs, activities and events.
- Collected customer's personal information and entered information into the client relationship management software to improve data reliability and accuracy.
- Trained and managed new employees in script recitation and software practices to ensure they meet the daily KPI.

SKILLS

- Computer Languages: Python, Java, Ocaml, C/C++, HTML, CSS, JavaScript, Node.js, ReactJS
- Experience in Google API, Bootstrap, MaterialUI and AWS
- Operating Systems/Software: Microsoft Word, Excel, PowerPoint, Linux, Windows and Mac OS X
- Languages: English, Mandarin, Cantonese, and Bahasa Malaysia

PROJECTS

Navigator Application

- Developed a navigation map through Google's Geolocation API that searches and display nearby places from the current location.
- Improved functionality by using Google Direction API which calculates and display a route between current location and desired destination via various mode of transportation.