

Kin Yuk CHAN

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Objective

A Computer Science student at Seattle University and looking for an opportunity to become a member of the CS industry. Passionate in coding and logical thinking. Willing to face challenges and teamwork.

Education

- Seattle University** **2018 - 2020**
Bachelor of Science in Computer Science, Business Specialization
- Relevant Coursework: *Big Data Analytics, Physical Database Design and Optimization, Data Structure, Software Engineering and Project Development, Object Oriented Design, Algorithm*
 - Business Specialization: *Accounting, Marketing, Information Systems, Entrepreneurship*
- Bellevue College** **2016 - 2018**
Associate in Arts & Sciences Degree

Professional Experience

- ChipMi Engineering Limited | Hong Kong** **June 2019 – August 2019**
Summer Software Engineering & Development Intern
- Developed a professional, user-friendly interface through CSS, integrated with a secured verification system.
 - Assisted with the migration of the company's account ledger into a web application.
 - Designed a streamlined client-facing interface ensuring data integrity to minimize human errors.
 - Provided an advanced interaction control system, allowing for multi-criterion viewing option.
 - Utilized: SQL, PHP, JavaScript, jQuery and HTML

Academic Activities

- PACCAR Battery Cable Expert** **September 2019 – June 2020**
Senior Capstone Project Participant
- Developed a full stacked web application with PACCAR for a consistent manufacturing practice determining battery cable specifications, resulting reduce in wasted materials.
 - Mapping system to streamline request engineer information
 - Utilized: NUnit, MVC ASP.Net Core, Bootstrap, SQL Server Management Studio, Azure DevOps
- JP Morgan Chase Software Engineering Virtual Experience Program** **July 2020**
Program Participant
- Participated in the open access JP Morgan Chase Virtual Experience Program with InsideSherpa
 - Implement the Perspective open source code in preparation for data visualization

Software Projects

- Amazon Customer Reviews Analysis**
- Analyzed the customer preference with the publicly available Amazon customer review datasets
 - Utilized: Hadoop, MapReduce, Scala, AWS EC2
- K-means Machine Learning Algorithm**
- Created K-means clustering machine learning on spark, analyzing device location to provide geographic mapping of device user with Spark.

Skills

Coding Languages - Most Experienced - C++, C#, Java, Python

Web Development - ASP.Net, Django, PHP, SQL

Big Data Analytics Technologies - Hadoop, MapReduce, Hive, Spark, Scala, AWS EC2

Software Development Technology - Agile, Scrum, Azure DevOps