Chaoyin Chen

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EDUCATION

Feb 2021 - Present **Master of Computer Science**
The University of Melbourne

- Research topics concerning Driving Scene Perception with Point Clouds data
- Key Courses: Cluster and Cloud computing, Computer Vision, Distributed System, Statistical Machine Learning, Information Architecture

Feb 2018 - Dec 2020 **Master of Information Technology**
Australian National University

- GPA: 6.2 / 7.0
- Major in Software Development, Specialized in Artificial Intelligence
- Key Courses: Artifical Intelligence, Advanced Algorithms, Software Engineering

EMPLOYMENT

Mar 2021 - Apr 2022 **Embedded Software Engineer**
Huawei, Nanjing, Jiangsu

- Solved over 30 software issues for the embedded systems, fulfilled over 30 new design requirements from the clients

RELEVANT PROJECT WORK

Mar 2021 - May 2021 **Algorithm Developer**
University of Melbourne, Melbourne, VIC

- Developed the algorithm for large-scale sentiment analysis and collecting data from twitter, writing algorithms for deal with both streaming data and input data
- Communicating with team mates to make the architecture scales from dealing with 100+ tweets to 10,000+ tweets as expected.

Sep 2021 - Nov 2021 **Android Software Developer, Project Manager**
University of Melbourne, Melbourne, VIC

- Completed 500+ lines of efficient codes aimed to create the interface for connecting to remote server and database.
- Coordinating the team with version control system and resolving 10+ conflicts of different versions, keeping the working prototype functional and efficient.
- Separating 4 components for the overall application and distributed accordingly to team members, keeping each part of the functionality separate and effective.

TECHNICAL SKILLS

- Programming Languages: Python / Java / C
- Technical: Data Structure, Algorithm, Machine Learning
- Wrote over 3000+ lines of efficient codes for the embedded system, improve the robustness of the system by designing new failure prevention algorithm