**Anderson Hsieh**

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**Skills**

* **Technical:** Native Android, Espresso, Spring Boot, React, React Native, MySQL
* **Programming languages:** Java, Kotlin, JavaScript, HTML, CSS, SQL
* **Other:** Confident speaker**,** Network knowledge

**Projects**

***WMMA\_WHereMyMoneyAt*** [***Github***](https://github.com/AndersonHsieh0330/Sunday_EmotionRecorder)

Wat2Eat

HelpMe (HackTheNorth 2021 Fall)

***VolleyTools: Volleyball Score Board*** [***Github***](https://github.com/AndersonHsieh0330/VolleyTools)

***Sunday:* *Emotion Tracker*** [***Github***](https://github.com/AndersonHsieh0330/Sunday_EmotionRecorder)

* Allow users to record emotions when the app is not displayed by implementing Service and Notification action buttons.
* Utilized SQLite database to store recorded emotion data, SharedPreference for user settings.
* Display recorded data by implementing RecyclerView, Eaze Graph (third party library), and Calendarview.
* Allow user to check game history by implements Google Firebase for user login and data storage of history games.
* Construct a smooth UI by implementing custom shape view design with drawable and Shape of View (third party library) for a smooth user interface.

**Experience**

***Test Engineer Intern, Barco N.V*** New Taipei City, Taiwan, December 2020 - April 2021

* Collaborated with DevOps engineering team to integrate new network authentication environment (802.1X) into testing using FreeRADIUS server on Linux, improved accuracy of the test result in network authentication.
* Lead and trained interns through demonstration and delivering testing concepts, ensure all interns are ready for assigned testing, improve workers’ intern training efficiency by over 50%.
* Deliver assigned testings on time over 15 testing cycles on various products with exceptional time management skill.

***Childcare Volunteer, Chang Gung Memorial Hospital*** Taipei, Taiwan, July 2018 - August 2019

* Supported relatives of over 50 child patients Relieved stress of parents and children by accompanying and consoling them in times of grief, navigating them through their illnesses.

**Awards**

* 2020 Engineering International Student Scholarship: CAD$10000
* 2018, 2019 Claremont Secondary School: 2 time BC Highschool Volleyball Provincial Bronze Medalist

**Education**

**Candidate for Bachelor of Applied Science, Computer Engineering, University of Waterloo**

Waterloo, Ontario, September 2020 - April 2025 GPA: 3.38/4.0