

XIAOSHI(MICHELLE) XIE

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EDUCATION

2016.2 – 2019.2 University of Canterbury
Bachelor of Science, majoring in Computer Science

SKILLS AND STRENGTHS

- Experience with Python, Java, C, C++, C#, OpenGL, javascript, PHP, MySQL, Swift, Git, JUnit and Selenium.

Github link <https://github.com/zelta1990?tab=repositories>

- Experience with game development tools Unity, Unreal, and SteamVR
- Sound knowledge of algorithms, data structure, object-oriented programming, software engineering, web application development, database system
- Good command of CAD software in 3D modeling, graphical designing and creating animation, including Autodesk Maya, Photoshop etc.

3D modeling portfolio <https://www.behance.net/gallery/25876065/3D-Modeling-Projects>

Animation work <https://www.youtube.com/watch?v=MhsCHqracv4>

- Familiar with Linux, Windows and Mac OS systems
- Excellent math skills and knowledge in calculus and linear algebra
- Teamwork skills and strong multi-tasking ability.
- Holding full driver's license
- Holding First-aid certificate
- Holding NZ Permanent Resident Visa

EMPLOYMENT AND EXPERIENCE

Summer Intern | HitlabNZ | Christchurch | 2018.11-2019.2

- *Conducted research on Multisensory VR system under the supervision of Dr. Sungchul Jung, solving technical issues with the existing system*
- *Worked with other four summer interns in creating game mods integrated with multi-sensory feedbacks from the TactaCage so that the player can have more immersive gaming experience*
- *Implemented the systems used for VR research experiments*

Shop assistant | Konnichiwa Japanese Variety Store | Christchurch | 2016.4-2017.7

PREVIOUS WORKS

Group Projects

- A graphical virtual pet game developed with Java
- An Auckland bus tracker web app with PHP, Javascript, Auckland Public Transport development API and Google map API
- A SkyrimVR game mod using plugin written in C++ and CreationKit
- A VR game developed with Unreal and Oculus Rift Package, finished in 48-Hour Global Game Jam 2019 <https://globalgamejam.org/2019/games/glow>

Individual Projects

- A crowdfunding web app using Node.js and Vue.js
- A vehicle information management system developed using Java, SQLite
- A Python program used for extracting PDF content with keywords as search criteria

REFERENCES

Sungchul Jung

Academic Staff, Postdoctoral Fellows | HitlabNZ

sungchul.jung@canterbury.ac.nz

Simon Hoermann

Research Scientist, Academic Staff | HitlabNZ

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