

Benjamin YanXiang Huang

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SOFTWARE DEVELOPMENT SKILLS

Programming Languages

C/C++(11/14/17) C# Java SQL (SQLite/DB2)

Other Development Languages

HTML/CSS/JS Groovy Python XML/JSON Rexx

Frameworks/Libraries

ASP.NET MVC Modern OpenGL SFML Qt (C++)
Assimp GLM OpenMP Oracle ADF

Operating Systems

Windows MacOS Android Linux z/OS

WORK HISTORY

(In order of most current & recent)

2016(Dec) – Current **Department of Social Services** (Canberra)

(.Net Developer)

- C# .Net Razor MVC development
- MS Exchange .Net proxy development
- Exchange and Git proxies using .Net
- Batch automation tools

2016(Feb) – 2016(Dec) **Department of Social Services** (Canberra)

(ICT Graduate)

- C# .Net Razor MVC development
- MS Exchange .Net proxy development
- Oracle FMW OSB Services continuous integration pipeline/toolchain development
- Oracle FMW web app development

2015(Nov) – 2016(Jan) **Telethon Kids** (Perth)

(Contractor)

- *Image Up* Android app development for Cyber Savvy project
- **Project:** <http://www.telethonkids.org.au/youth-health-and-wellbeing/current-research-projects/cyber-savvy-project/>
- **Google Play:**
<https://play.google.com/store/apps/details?id=org.telethonkids.imageup&hl=en>

2014(Feb) – 2015(Nov) **IBM Australia Development Lab** (Perth)

(Intern)

- Tivoli Asset Discovery for z/OS (TADz) team
- Internal desktop tools design & development

- Level 3 support

2012(Aug) – 2014(Jan) **Dynamic Digital Depth** (Bentley)

(Software/game tester)

- Software compatibility tests (Windows desktop and Android)
- Bug reports and diagnostic
- Market research (Chinese 3D MMO games)

EDUCATION

2012-2015 **University of Western Australia**

Bachelor of Science (double major):

- Computer Science
- Data Science

Distinction Average

AWARDS

2016 GovHack National AIHW Visualisation Prize Winner

- Participated in a team of 10 as a developer.
- Web app using HTML/CSS/JS/PhaserJS.
- Prize Page: <https://2016.hackerspace.govhack.org/prize/aihw-visualisation>
- Project Page: <https://2016.hackerspace.govhack.org/content/walks-life>
- GovHack Site: <https://www.govhack.org/>

CURRENT ACTIVE PERSONAL PROJECTS

- Android apps
- 2D Game Development Framework
- Database utility
- UUID generator
- Other open source projects

PAST ACADEMIC PROJECTS

- 3D graphics and animation rendering using C/C++ & OpenGL
(Team-lead/Architect/Developer)
- Database application with GUI front-end using Java & SQLite
(Team-lead/Manager/Developer)
- File compression algorithm implementation using Java
(Architect/Developer)
- Internet chat client using Ruby on Rails
(Developer)

LANGUAGE SKILLS

- **English** (professional)
- **Chinese:** Cantonese & Mandarin (Native level fluency for speaking and typing)

INTERESTS

- Software development and game technologies.
- Music/Instruments
- Sports/Fitness
- Volunteering
- Hobby crafting
- Reading