

Will Zhou

Mobile & Web Developer

personal.will3@gmail.com 02102685259

@will_z <https://will3.github.io/blog/>

Technical Skills

| | |
|-----------------|--|
| Mobile | Objective-C, Swift, React Native, Java, Kotlin |
| Backend | Node.js, Rails, .NET |
| FrontEnd | ReactJS, CSS, HTML, Javascript |
| CI | AWS, Jenkins, Heroku, CircleCI, Bash scripting |
| 3D | Unity, OpenGL, GLSL, WebGL (THREE.js), C++ |
| Design | Sketch, Photoshop |

Work Experience

Rush Digital

Senior Backend Developer / Generalist

July 2018 ~

- Credit Consultant Chatbot, a Messenger debt collection chat bot with natural language processing using DialogFlow and Messenger SDK
- Architected and created several .Net core backend APIs and components
- Scoped, architected, and implemented backend integrations for Z Energy App Carbon Count

Designer Wardrobe

iOS Contractor

June 2017 ~ May 2018

- Rebuilt and rebranded iOS app, helped secure second round funding
- Identified and fixed several performance bugs
- Extended PHP server
- 4.5 stars App (150,000 users) <https://itunes.apple.com/nz/app/designer-wardrobe-marketplace/id1062469450?mt=8>

SurveyBot

Full Stack Contractor

July 2017 ~ March 2018

- Developed tools for users to design automated Facebook Messenger survey forms (React JS)
- Wrote workers to automate previews of survey results pages using headless browsers
- Improved unit test coverage for Rails controllers
- <http://surveybot.io>

WearIt

Lead Developer

June 2016 ~ June 2017

- Guy meets girl social shopping app
- Architected and built MVP
- Tinder like swipe feature
- In app group chat
- Researched and recreated animations effects from Apps like Tinder and Messenger
- Built iMessenger and Web versions of the app (React JS)
- Monitored and maintained iOS continuous integration (CircleCI)
- Extended Rails server, built several CRUD endpoints
- https://www.nzherald.co.nz/business/news/article.cfm?c_id=3&objectid=11736655 App shown at 2:07

Vista Entertainment Solutions

iOS Developer

March 2012 ~ June 2016

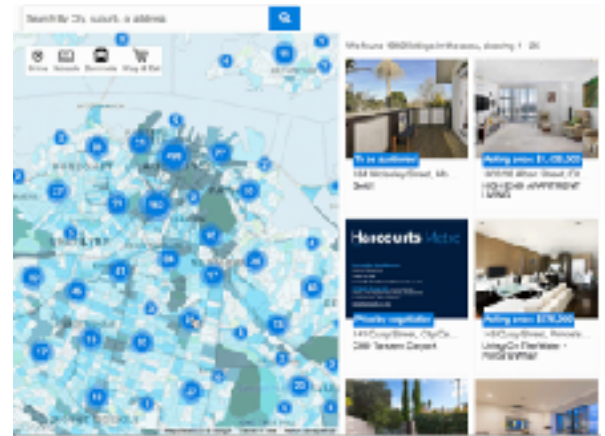
- Architected and built several apps used by Cinema staffs
- Built consumer-facing ticketing app, used in over 20 cinema chains
- Extended .NET backend, wrote several CRUD endpoints interfacing with SQL server

- Built a C# UI Automation test library for iOS and Android (Appium, Specflow)
- Setup Jenkins on remote machines, automated iOS builds using bash scripts, Node.js programs and plugins
- Wrote several build tools using Node.js, including one to rebrand a ticketing app for different cinema chains
- Occasionally worked on Android, built several features

Personal Projects

Real Estate Website

- Used data from StatsNZ and LINZ to generate map overlays for crime, demographics and affordability
- Generate Transit time heat-map using open source maps
- <https://imgur.com/U5An4ei>
- MongoDB Express React Node.js Stack

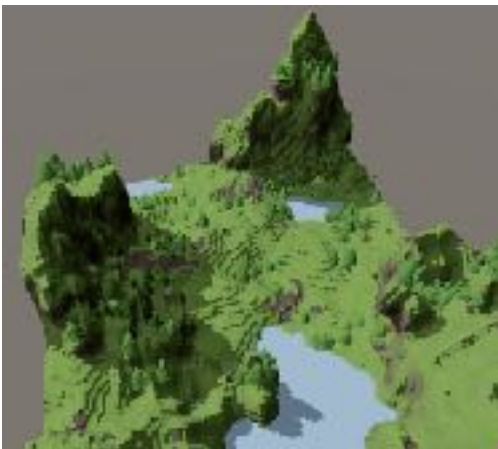


Voxel Asset Creator

- Tool I created to help me make assets
- <http://voskel.herokuapp.com>

Outlook clone

- <https://github.com/will3/cali>



Terrain Engine

- Stylistic voxel terrain, built in Unity
- Procedurally generated
- More on twitter @will3_z

Education

University of Auckland

Bachelor's Degree, Information Systems

2008 ~ 2012

Internships

Vista Entertainment Solutions

- Built a B2B app which was sold to a major US cinema chain

2012

CATS: Cycles Analysis & Timeseries Software

- Worked on a visualization software for analyzing cyclic patterns in data, written in BASIC

2010