

Aleandro Valencia

Software Engineer

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EXPERIENCE

Verify Union, North Shore, New Zealand
— Intern Software Engineer
Feb 2019 - Apr 2019

EDUCATION

Media Design School, Auckland, New Zealand
— Bachelor of Software Engineering
Feb 2016 - Nov 2018

Hillcrest High School, Hamilton, New Zealand
— NCEA Level 3 Merit Endorsement
Feb 2011 - Nov 2015

PROJECTS

Pirate Dash (Apr 2019) — Verify Union

- Mobile Unity game published to App store and Play store
- Called functions from backend server for game login

DoubleUp Dice (Feb - Mar 2019) — Verify Union

- Mobile Unity game published to App store and Play store
- Networked turn based dice rolls using Photon Unity Networking

District Underground (Mar - Nov 2018) — University Capstone Project

- Unity hack n slash game for PC
- Coded in C# and UnityEngine API
- Programmed player combat and animations
- Utilised **project management** and **game design** skills
- Worked in team of six utilizing **scrum** methodology
- Assisted with **debugging** across the project

3D Tank Game (May - June 2017) — University 2nd year project

- 3D Robotron-like game made using C++ and OpenGL
- Utilised Vertex buffer and Index buffer
- Applied a point light which affects the models in the scene
- Shapes have reflective material of the skybox
- Imported 3d models using Assimp

Rapid Prototypes (Jul - Sep 2017) — University 2nd year projects

- Four Unreal prototypes each made in a week
- Worked in team of four utilising **scrum**
- Capable of creating work within a **strict time frame**
- Programmed **character controllers** in projects

PROGRAMMING LANGUAGES

C#
C++
OpenGL

SOFTWARE

Unity Game Engine
Visual Studio

SKILLS

Version Control (Git)
Agile (Scrum)
Object-Oriented Programming
Software Design Patterns

AWARDS

NCEA Level 3 Merit Endorsement
NCEA Level 2 Excellence Endorsement
NCEA Level 1 Excellence Endorsement

LANGUAGES

English

REFERENCES

Available upon request