



Ooi Heng Seng

Software Engineer
Computer Science
Student

Skills

Primary Stack

Java, Android development,
Xamarin, C#, Git

Secondary Stack

C++, Python, iOS
development, SQL, Dart,
Flutter, Golang

Development Software

Android Studio, Visual Studio,
Visual Studio Code, Unity 3D,
IntelliJ IDEA

Creative Software

Adobe Photoshop, Adobe
Lightroom

Soft Skills

Project Management, Agile,
Scrum

Volunteer Work

One Heart 2014

Contact



Singapore



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jeffreyyooi.github.io

Introduction

Driven, self-motivated, hungry for knowledge and quick learner. A Computer Science major with passion in software development seeking for software engineering or developer role for full-time employment in Singapore. Open to exploring other aspects of software development.

Experience

May 2019 - Aug 2019
Singapore

Acronis

Research and Development Intern

- Write integration tests for components using Pytest
- Research, document and enable security features of existing components
- Participate in converting stateful component to stateless component

May 2018 - May 2019
Singapore

TinyMOS Pte Ltd

Software Engineering Intern

- Set up CI/CD on local server using off-the-shelf software and hardware
- Design and develop camera software and camera companion app for Android and iOS

Aug 2016 - May 2018
Singapore

Springloaded Pte Ltd

Part-time Games Programmer

- Implement game server using .NET and AWS
- Integrate 3rd-party SDK into mobile games with Xamarin
- Implement new features to in-house game engine
- Implement gameplay features

Nov 2015 - Apr 2016
Singapore

Infinity SG

Gameplay Programmer Intern

- Implement gameplay features with C++
- Implement and improve gameplay graphics using DirectX and HLSL (High Level Shading Language)
- Research on porting C++ game to iOS

Education

Aug 2016 - Dec 2019
Singapore

National University of Singapore

Bachelor of Computing in Computer Science

- Focus area: Artificial Intelligence

Apr 2013 - May 2016
Singapore

Nanyang Polytechnic

Diploma in Digital Entertainment Technology

- International Student Club's Head of Creative and Media
- Organizing committee for events organized by International Student Club
- One Heart 2014 student representative
- 6 times Director's List recipient
- Digipen Silver Medal recipient

Jan 2008 - Dec 2012
Malaysia

Chung Ling High School

STEM Student

- 8A2B in GCE O-Level equivalent (SPM)

Projects

NANO1 Connect

Mobile App Developer

Develop companion application to control the NANO1 Astronomy Camera, transfer files, and star map to show stars within the direction and field of vision.

Squelcher

Freelance Developer

Develop an AR application using Apple's ARKit to detect images and render video as an overlay above the image

Desert Island Fishing

Game Programmer

Design and develop server for the game, update in-house engine with features for game and performance improvements, integrate advertising providers into game