# **Matthew Immanuel**

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**Education** Sydney, Australia

# The University of New South Wales

Expected December 2020

Bachelor of Science in Computer Science GPA: 77.357

# **Work Experience**

#### **Freelance Penetration Tester**

July 2019 - now

Previously discovered a SQL Injection and XSS vulnerability on a big Indonesian florist company, gaining access to their database.

### **Skills**

Languages: Python, Java, Javascript, C, HTML, CSS, SQL, BASH, Perl, PHP

Data Technology: MySQL, PostgreSQL

Operating System: GNU/Linux, OSX, Windows, Kali Linux

Development Tools: Git, Vim, Netbeans, Eclipse Frameworks: SQLAlchemy, Flask, Diango, React. JS

Software/Tools: BurpSuite, DirBuster, OWASP, Nmap, Social Engineering Toolkit (SET), SQLmap, hydra

# **Recent Projects**

### HackTheBox web challenges write-ups

Writing detailed write-ups on web challenges CTF while also attempting to solve it.

#### Seddit

The SPA front-end of a simple social media site similar to Reddit. Interacts with a ready-made API and uses extensive JavaScript and CSS to provide a sleek user interface.

#### **Medisoft Healthcare**

Worked in a team of 4 to build a python web application designed to help patients (users) find the nearest healthcare center as well as practitioners. https://github.com/mattimmanuel01/Medisoft-HealthCareCentre

#### Online Portofolio

Built a web portofolio using HTML/CSS3 combined with bootstrap4. Some are written in javascript using jquery library. <a href="https://mattimmanuel01.github.io">https://mattimmanuel01.github.io</a>

#### Travelolo

A web application that is created during facebook hackathon in 24 hours. This web application is intended for travelers traveling to a specific location, travelers will get the latest news on outbreaks, events and weather predictions. This web application uses API from various sources i.e. google news, open weather and more to ensure accurate data. https://github.com/mattimmanuel01/FBhack

## **Activities / Certifications**

## **AWS Technical Essentials Day**

## First Year Coding Competition CSESOC UNSW

Competed in a team of two and achieved top 10.

### **Indonesian Night Market Logistics**

Helped tenants to build their food stalls and provided them with the equipments they need.

#### **Facebook Hackathon**

Built a web application in Python, Flask and Django as well as integrating multiple APIs



## **Academic Statement**

The University of New South Wales

Name: Immanuel, Matthew

Student ID: 5187551

Academic Career 1 of 1: Undergraduate
Print Date: 21/09/2019

#### **Beginning of Undergraduate Record**

Semester 1 2018

Program: 3778 Computer Science

Plan: COMPA13778 Computer Science Major

Session: Teaching Period One

<u>Course</u>	_	<u>Title</u>	<u>Attempted</u>	<u>Passed</u>	<u>Mark</u>	<u>Grade</u>
COMP	1511	Introduction to Programming	6.00	6.00	78	DN
INFS	1602	Digital Transformation in Bus	6.00	6.00	59	PS
INFS	1603	Intro to Business Databases	6.00	6.00	72	CR
MATH	1131	Mathematics 1A	6.00	6.00	83	DN

Term WAM: 73.000 Term Totals 24.00 24.00

Good Standing

Semester 2 2018

Program: 3778 Computer Science

Plan: COMPA13778 Computer Science Major

**Session: Teaching Period Two** 

<u>Course</u>		<u>Title</u>	<u>Attempted</u>	<u>Passed</u>	<u>Mark</u>	<u>Grade</u>
COMP	1531	Software Eng Fundamentals	6.00	6.00	78	DN
COMP	2521	Data Structures and Algorithms	6.00	6.00	75	DN
MATH	1081	Discrete Mathematics	6.00	6.00	75	DN
MATH	1231	Mathematics 1B	6.00	6.00	79	DN

Term WAM: 76.750 Term Totals 24.00 24.00

Good Standing

Term 1 2019

Program: 3778 Computer Science

Plan: COMPA13778 Computer Science Major

Session: Teaching Period One

<u>Course</u>		<u>Title</u>	<u>Attempted</u>	<u>Passed</u>	<u>Mark</u>	<u>Grade</u>
COMP	3121	Algorithms & Programming Tech	6.00	6.00	70	CR
COMP	3311	Database Systems	6.00	6.00	89	HD
INFS	1609	Fundamentals of Business Prog	6.00	6.00	81	DN

Term WAM: 80.000 Term Totals 18.00 18.00

Good Standing

Term 2 2019

Program: 3778 Computer Science

Plan: COMPY13778 Computer Science (Security) Major

**Session: Teaching Period Two** 

<u>Course</u>		<u>Title</u>	<u>Attempted</u>	<u>Passed</u>	<u>Mark</u>	<u>Grade</u>
COMP	2041	Software Construction	6.00	6.00	84	DN
COMP	2511	O-O Design & Programming	6.00	6.00	86	HD
COMP	6841	Extended Security Engineering	6.00	6.00	74	CR

Term WAM: 81.333 Term Totals 18.00 18.00

Good Standing



## **Academic Statement**

The University of New South Wales

Name: Immanuel, Matthew

Student ID: 5187551

Term 3 2019

Program: 3778 Computer Science

Plan: COMPY13778 Computer Science (Security) Major

**Session: Teaching Period Three** 

CourseTitleAttemptedPassedMarkGradeCOMP1521Computer Systems Fundamentals6.00COMP3331Computer Networks&Applications6.00

Term Totals 12.00 0.00

**3778 Computer Science Totals** 

WAM: 77.357 Units: 96.00 84.00

This is the last academic career for Immanuel, Matthew

**End of Academic Statement**