

# Matthew Immanuel

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## Education

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Sydney, Australia

### The University of New South Wales

Expected December 2020

Bachelor of Science in Computer Science

GPA: 77.357

## Work Experience

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### 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

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*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, Django, React.JS

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

## Recent Projects

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### HackTheBox web challenges write-ups

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

### Sedit

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.

<https://mattimmanuel01.github.io>

## **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**

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### **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

## Term 3 2019

 Program: 3778 Computer Science  
 Plan: COMPY13778 Computer Science (Security) Major

### Session: Teaching Period Three

<u>Course</u>		<u>Title</u>	<u>Attempted</u>	<u>Passed</u>	<u>Mark</u>	<u>Grade</u>
COMP	1521	Computer Systems Fundamentals	6.00			
COMP	3331	Computer Networks&Applications	6.00			

Term Totals			12.00	0.00		
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### 3778 Computer Science Totals

WAM: 77.357

Units:	96.00	84.00
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*This is the last academic career for Immanuel,Matthew*

End of Academic Statement