

MUSTAFA FULWALA

ASPIRING SOFTWARE PROFESSIONAL

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CAREER PROFILE

*Avid software enthusiast looking for exciting opportunities in software development and security engineering
Known as a diligent team leader, dependent team player and a flexible multitasker who strives to exceed expectations*

SKILL HIGHLIGHTS

- **Strong background** of **object-oriented programming** in **Java, python** and **C++**
- **Skilled** in areas like Data structures, algorithms and security engineering
- Experience in full stack **web development** and **RESTful APIs** in python and JavaScript frameworks
- Proficient in **SQL** and databases like **mysql**
- Excellent writing and communication skills

EDUCATION

University of Sydney (Final year)

Bachelor of Software Engineering (Honours)

July 2017 – July 2021

- 84.3 mark – Distinction average
- High Distinction in COMP2123, ELEC3609, SOFT3888, INFO3220, COMP3027, INFO3220, ISYS2120
- Student Python Programming Mentor for INFO1110 (2018)

WORK EXPERIENCES

Software Engineering Intern (API team)

Freelancer.com - Sydney, Australia

December 2019 – February 2020

- **Consistently improved and upgraded** the RESTful API codebase in python and PHP
- **Simplified** microservices testing through docker scripts, which got integrated into an internal tool as a feature
- **Assisted** the highly talented API team in writing system documentation
- **Cleared a blocking task** in the code migration of the entire API
- **Adapted** to the **agile environment** and **DevOps** culture

Teaching Assistant and Academic Tutor

University of Sydney – Sydney, Australia

July 2019 – Present

- **Managed the course content and tutoring team** for SOFT2412 (Agile Software Development Practices)
- Tutor for INFO3616 and COMP2123 (Security Engineering, Data Structures and Algorithms)
- **Impressive feedback** from students in course surveys

PROJECTS

Simple P2P blockchain – Java

A fully multithreaded, synchronized and distributed p2p blockchain that uses gossip-based dissipation

Freelancer dashboard stats component –

Freelancer.com hackathon, PHP, python, JS, HTML, CSS
Idea was liked by CEO Matt Barrie

Amazing Race Game website – Django, python

A full stack website integrated with Bing-maps API that facilitates the game

News meme reaction website – SYNCs hackathon

- Flask, python
Successfully completed MVP in 24 hours

2D Stickman game – Qt, C++

A stickman game designed with object-oriented design patterns

Integrated BookStore – .NET Framework

A distributed transactional bookstore application in .NET

EXTRA-CURRICULAR ACTIVITIES

Vivid Sydney Volunteer

Vivid Sydney (May 2019 – June 2019)

USU Volunteer

University of Sydney (February 2019 – June 2019)

Python Student Mentor – INFO1110

University of Sydney (February 2018 – June 2018)

Cricket Umpire

Last Man Stands (February 2018 – June 2018)

ACHIEVEMENTS

- Invitation to Advanced Engineering program at University (2020, 2019)
- Ranked 96th in Australia in CySCA CTF (2018)
- Mark of 90+ in ISYS2120, INFO1103 and ELEC1601 (2018, 2017)
- ELEC1601 “hall of fame” project – for innovative use of electronics (2017)