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 leader, dependent team player and a multi-tasker who strives to exceed expectations

SKILL HIGHLIGHTS

- **Strong background** of **object-oriented programming and design** in **java, python, C#** and **C++**
- **Skilled** in areas like **Data structures, algorithms, security engineering and SQL databases** like mysql
- Experience in full stack **web development and RESTful APIs** specially in **.NET, flask, Django and React**
- Experience with **DevOps, CI/CD (in AWS),** Agile methodologies like **SCRUM**
- Excellent writing and communication skills, dependable team player

ACHIEVEMENTS

- Invitation to Advanced Engineering program at University (2020, 2019)
- Mark of 90+ in COMP3221, ISYS2120, INFO1103 and ELEC1601 (2020, 2018, 2017)
- Ranked 96th in Australia in "CySCA CTF" (2018)
- ELEC1601 "hall of fame" project for innovative use of electronics (2017)

EDUCATION

University of Sydney (Final year)
Bachelor of Software Engineering (Honours)   *July 2017 – July 2021*

- 83.9 grade – Distinction average
- High Distinction in COMP2123, ELEC3609, SOFT3888, INFO3220, COMP3027, INFO3220, ISYS2120, COMP3221
- Student python programming mentor for INFO1110 (2018)

WORK EXPERIENCE

Software Engineering Intern (API team)
Freelancer.com - Sydney, Australia   *December 2019 – February 2020*

- **Consistently improved and upgraded** the RESTful API code base in python and PHP
- **Simplified** micro-services 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

BookStore Web Application – *.NET Framework*
A distributed, transactional and service-oriented bookstore web application in .NET (C#)

Amazing Race Game website – *Django, python*
A full stack website integrated with Bing-maps API that facilitates the game

2D Stickman game – *Qt, C++*
A stickman game designed with object-oriented design patterns

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

News meme reaction website – *Flask, python*
Project idea for SYNCS hackathon. Successfully completed MVP in 24 hours

Simple p2p blockchain – *Java*
A multithreaded, synchronized and distributed peer-to-peer blockchain

EXTRA-CURRICULAR ACTIVITIES

Python Student Mentor – INFO1110
University of Sydney (February 2018 – June 2018)

Vivid Sydney Volunteer
Vivid Sydney (May 2019 – June 2019)

USU Volunteer
University of Sydney Union (February 2019 – June 2019)

Cricket Umpire
Last Man Stands (February 2018 – June 2018)