MUSTAFA FULWALA

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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 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**
- 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

WORK EXPERIENCE

Teaching Assistant and Academic Tutor
University of Sydney – Sydney, Australia   *July 2019 – Present*

- **Improved course mechanics from previous year** for SOFT2412 (Agile Software Development Practices)
- **Impressive feedback** from students in course surveys for INFO3616 (Security Engineering)

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

- **Improved quality of** micro-services testing through docker, which got integrated into an internal tool as a feature
- **Cleared a blocking task** in the code migration of the entire RESTful API

PROJECTS

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

Freelancer dashboard stats component
At homepage of Freelancer.com. Idea was liked by CEO Matt Barrie (PHP, python, JS, HTML, CSS)

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

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

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

Simple p2p blockchain
A multithreaded, synchronized and distributed peer-to-peer blockchain (Java)

EXTRA-CURRICULAR ACTIVITIES

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

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

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

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