

MUSTAFA FULWALA

ASPIRING SOFTWARE PROFESSIONAL

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CAREER OBJECTIVE

As an ambitious software professional, I am seeking opportunities in cyber security, artificial intelligence and database systems that could allow me to deploy my skills to the benefit of my employer organization and offer an environment of professional growth

SKILL HIGHLIGHTS

Programming Languages: Python, Java, C, C++, JavaScript, C#, Lisp, HTML, CSS, SQL

Frameworks: Django, Flask, Nodejs, .NET (core and framework), React, RESTful services, Qt

Tools: Jenkins, Docker, Gradle, Git, Linux command line, AWS EC2, Github, Postgres, Mysql, Wireshark

Software engineering: Object oriented design, data structures and algorithms, cyber-security, artificial intelligence, database systems, agile practices, DevOps practices, website development

EDUCATION

University of Sydney (penultimate year)

Bachelor of Software Engineering (Honours)

July 2017 – July 2021

- 84.3 WAM overall (85 and 86.9 in 3rd and 1st semester)
- Member of SUMSA and SYNCs (2018 – Present)

WORK EXPERIENCES

Software Engineering Intern (API team)

Freelancer.com - Sydney, Australia

December 2019 – February 2020

- **Maintained** RESTful API by writing **fault tolerant code** in python and PHP
- **Simplified** API microservices testing through docker, which got integrated into an internal tool as a feature
- **Assisted** the development team to maintain the API by writing **system documentation**
- **Helped clear a blocking task** in code migration of the entire API
- Worked in an **agile environment** following DevOps practices

Teaching Assistant and Academic Tutor

University of Sydney – Sydney, Australia

July 2019 – Present

- **Content designer, manager** and tutor for SOFT2412 – Agile Software Development Practices
- Tutor for INFO3616 – Principles of Security and Security Engineering and COMP2123 – Data Structures and Algorithms
- **Received excellent feedback** in student surveys

Software Engineering Trainee

Teyseer Group – Doha, Qatar

December 2017 – January 2018

- Worked at the IT Headquarters of a Business Group of 15 companies in Qatar
- Gained practical insights in computer networking, GUI, .NET development and ORACLE SQL
- Worked in a multicultural environment

PROJECTS HANDLED

2D Stickman game - Qt, C++

- Wrote extensible code through object-oriented design patterns and principles

News headline meme reaction – SYNCs hackathon - Flask, python

- Successfully completed MVP in the assigned 24 hours

Freelancer dashboard stats component - Freelancer.com hackathon - PHP, python, JS, HTML, CSS

- Idea approved by Matt Barrie, CEO of freelancer.com

Amazing Race SaaS website - Django, python

- An amazing race SaaS that facilitates the game

EXTRA-CURRICULAR ACTIVITIES

Vivid Sydney Volunteer

Vivid Sydney (May 2019 – June 2019)

Python Mentor

University of Sydney (February 2018 – June 2018)

USU Volunteer

University of Sydney (February 2019 – June 2019)

Cricket Umpire

Last Man Stands (February 2018 – June 2018)

PROFESSIONAL ACHIEVEMENTS

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