Saleh Ahmed Khan

 +61 498 218600 sahmedk2@outlook.com

# Education

## University of Melbourne

### Bachelor of Science in Computing and Software Systems 2016 - 2018

## The Westminster School, Dubai

### IGCSE and A Levels Class of 2015

# Experience

## Phoebe Solutions

### Software Development Intern (one semester) 2018

* Tested and helped evaluate frontend frameworks for new projects.
* Created and implemented a full software solution to digitize production of hospital Discharge Summaries based on client requirements and government regulations. Tested and adapted for compatibility and usability with different types of server and user environments.

## Phoebe Solutions

### Software Developer 2018 - Present

* Maintained and upgraded main company product dealing with sensitive client financial records.
* Doing integration work (including adding new features and modifying workflow) for company’s proprietary software and as a licensed reseller for clients with different requirements.
* Worked on a completely new version of the company’s main product almost from scratch

## Kwik Forex Commercial Broker

### IT Intern (summer) 2015

* Learned about accounting, trade and finance software used in a fast paced and competitive industry.
* Learned about the network and server configurations and databases used by the company.
* Learned how a professional website is set up and email servers are hosted.

# Projects

### Mobile Application to help the elderly navigate

Built an Android app using Java (initially used Kotlin but evaluated against it as a team)

Implemented APIs for notifications, VoIP and video calling, cloud data storage, screen capturing/annotation between users, and Google Maps.

### TLS Certificate verification server

Built a server in C to receive signed TLS certificates and verify them for authenticity.

### Game playing AI

Used Python to build an AI by implementing the most appropriate and efficient for the game.

### Basic file server in C

Built to accept incoming HTTP connections (multithreaded for concurrency), accept and parse headers received then respond with appropriate file.

### Basic tile-based game in Java

Used a popular tile-based engine to program a custom game for the OOP subject in university.

### Data Science project

Used Python with various data science libraries for data cleaning, analysis and visualization of open source data published by the Victorian government.

## Forum + Blog website

Built a forum and blog publishing website hosted on Heroku and written in JavaScript (frontend/backend), HTML5 and CSS/SASS.

# Skills

## Languages

### Professional experience (used both during education and working in industry)

Java, JavaScript, SQL, R, HTML and CSS.

### Learned as part of my formal education

All of the above.

C, C++, Kotlin, Python and MATLAB.

## Technologies and frameworks

### Used extensively in both my professional and university life

* Programming and using the following in both Windows, Linux, and macOS environments.
* Git (+ understanding of theory and history with experience of pre-git version control as well)
  + CLI and GUI (GitKraken/Sourcetree/GitHub desktop/Visual Studio Code Git extension)
  + GitHub, GitLab, Azure DevOps
* NodeJS (backend), Nginx, Bootstrap, SASS, React
* PuTTY, WSL, WinSCP, SQL applications (MySQL, DBeaver, Squirrel), PowerShell, Bash, CMD