



# FATHY ABDEL SHAHID

## SUMMARY

Motivated and responsible software engineering student pursuing a Double Degree Bachelor of Engineering and Computer Science at Monash University. Adept in software application development and computer science principles, with a proven ability to handle complex projects and quick problem solving. Demonstrates excellent time management, interpersonal skills, and the capability to swiftly grasp product details and foster customer relationships. Seeking an internship to gain hands-on experience, sharpen problem-solving abilities, and contribute to impactful projects while collaborating with dynamic teams and learning from seasoned professionals.

## CODING EXPERIENCE

### Computer systems, Analysis of networks and their security

*FIT1047*

- Introduction to computer systems, networks and security - cybersecurity, including common threats and countermeasures

### Web Application Design

*ENG1003*

- Transport Hiring Web App (Uber) – Team of 4
- Task List for Scrum Managed Teams Web Application: - Team of 6
- Virtual Waiting Room: - Team of 1
- Coptic Atlas – Church Finder – (Please find it on my website under projects)

### Machine Learning Language

*FIT1008*

- Established scalable automated processes to develop, validate and implement machine learning models

### Data Analysis and Representation

*MAT1060*

- Data Analysis and Representation: - Team of 1

## CONTACT

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[dev.fathy@gmail.com](mailto:dev.fathy@gmail.com)

📍 Caroline Springs, Vic 3023

🌐 <https://fathy1010.github.io/>

## LANGUAGES

English:

████████████████████  
Native/ Bilingual

Arabic:

████████████████████  
Native/ Bilingual

Italian:

████████████████  
Limited

## EDUCATION AND TRAINING

**Bachelor of Engineering (Hons) & Bachelor of Computer Science.**

Software Engineering Monash University, Melbourne, VIC

- Multiple Projects available through my website scan the QR code or simply follow the provided link in contact

Expected in Nov 2025

**Game Development**

*FIT1008/FIT1045*

- Strategic Game Development – Team of 1
- Pokémon Game – Team of 3

*ECE2071*

- Algorithms to find Palindromes: - Team of 1

*FIT3077*

- Memory Game Development – Team of 3

*FIT2102*

- Wordle – Team of 1

## **Data Handling and Manipulation**

*FIT3171*

- Drivers Info handling system– Team of 1

## **WORK EXPERIENCE**

### **Tutor**

- *Monash University, Clayton | June 2024 – July 2024*

### **Receptionist**

- *101Physio clinic, Melton/Hoppers Crossings | June 2022 – Nov 2023*
- *St. Luke's medical centre, St. Albans | May 2018 - May 2018*

### **Sales Assistant**

- *Big W, Sunshine, VIC | March 2018 - March 2018*
- *Footlocker, Taylors Lakes, VIC | October 2018 – Current*

### **Head Coach**

- *Avondale FC, Essendon | January 2022 – January 2023*

## **VOLUNTEER**

School: Y-Program, helping people with a disability learned sign language and helping in the community assisting local schools in classes i.e., tutoring.

St. George Coptic Orthodox Church: Currently a servant for grade 7: Organising events and helping organise outings/sports activities Help organize fates and social events for church as well as maintaining the church. As well as building apps and maintaining data for the church.

## **High School Diploma**

Essendon Keilor College,  
Essendon, VIC

- Senior school captain in 2020
- 4/4 GPA
- Multiple Academic awards (Available upon request)
- December 2020

## **SKILLS**

- Data Generation Tools: MySQL // MongoDB
- Complex Problem Solving
- Experienced With VsCode, PyCharm, IntelliJ
- Website Analytics Tools
- Back-End and Database Skills
- Front-End Programming: HTML5, CSS3, AJAX
- Scripting Languages: PHP
- Version Control Systems: Git, GitHub
- User Experience Design
- Analytical Thinking
- Python, JavaScript
- Front-End Skills: HTML, CSS
- Complex Problem Solving
  - JavaScript Libraries and Frameworks
- Haskell / Isocket
- Oral and Written Communications
- Public speaking
- First aid Trained

## **REFERENCES**

- Simon McSorley

<simon@wearecrew.io>