Abraham Murciano

Software Engineer

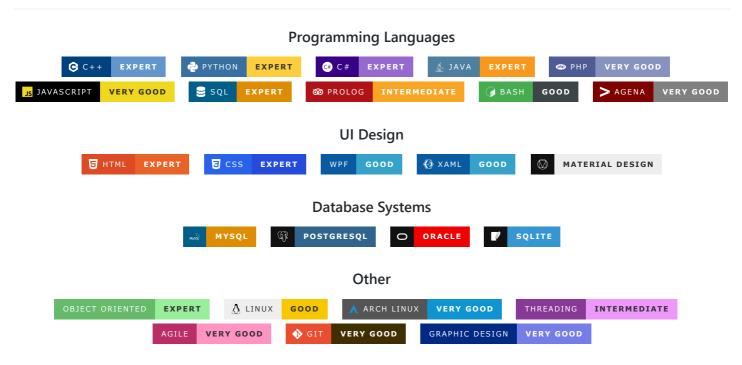## Personal Information

LINKEDIN   **GITHUB**   **ABRAHAMMURCIANO@GMAIL.COM**   **JERUSALEM** **ISRAEL**   **+44 7397 842 936**   **+972 54 286 1293**

About Me

Passionate software engineer, full stack web developer, and IT technician offering 6 years of programming, maintenance, troubleshooting and repair experience combined with an aptitude for quickly adopting new skills. Hardworking and thorough with a passion for learning and gaining more experience in this field.

Skills

Programming Languages

C++ **EXPERT**	PYTHON **EXPERT**	C# **EXPERT**	JAVA **EXPERT**	PHP **VERY GOOD**
JAVASCRIPT **VERY GOOD**	SQL **EXPERT**	PROLOG **INTERMEDIATE**	BASH **GOOD**	AGENA **VERY GOOD**

UI Design

HTML **EXPERT**   CSS **EXPERT**   WPF **GOOD**   XAML **GOOD**   MATERIAL DESIGN

Database Systems

MYSQL   POSTGRESQL   ORACLE   SQLITE

Other

OBJECT ORIENTED **EXPERT**   LINUX **GOOD**   ARCH LINUX **VERY GOOD**   THREADING **INTERMEDIATE**

AGILE **VERY GOOD**   GIT **VERY GOOD**   GRAPHIC DESIGN **VERY GOOD**

Professional Experience

FULL STACK WEB DEVELOPER

Freelance, *2015 - 2018*

- Designed sites to be compatible with top browsers, including Chrome, Firefox, and Safari, both on **desktop and mobile**.

- Used various technologies, including **object oriented programming, PHP, JavaScript, and SQL** to obtain optimal performance in websites.
- Created site layout and user interface using **HTML and CSS** practices.
- Hands-on experience using **Linux** and Apache web servers.

⊡ COMPUTER TECHNICIAN

PC Clinic, Gibraltar, *Summer 2018*

- Systematically troubleshooted malfunctioning systems to identify and solve the problem.
- Demonstrated professionalism and courtesy with customers while working to resolve complaints, problems or respond to questions.
- Removed and replaced malfunctioning components to correct hardware problems.

🎓 COMPUTER SCIENCE TUTOR

Freelance, *2018 - Present*

- Taught less capable classmates and students from younger years material from various courses.
- Demonstrated good communication skills in getting complex concepts and ideas across.

Education

📕 JERUSALEM COLLEGE OF TECHNOLOGY

2018 - Present

- BSc in Computer Science
- Expected October 2021
- Current GPA 89

📕 GIBRALTAR BOYS SECONDARY SCHOOL

2011 - 2017

- High School Diploma
- English: A*, Spanish: A*, Mathematics: A*, ICT: A*, Advanced Science: A*, Science: A, Hebrew: A, Judaism: A

Notable Open Source Projects

JCT Discord Bot

A Discord bot written in python to manage the Discord server of the English Speaking Programat JCT

- Co-manged **team of eight** student volunteers.
- Taught the less experienced team members to properly use **Git** in a team.
- Applied many **object oriented** principles.
- Applied many python programming **paradigms**.
- Designed and created a **PosgreSQL** database for the project.
- Designed a very **modular** structure to ensure very **loose coupling** between different features of the project.

Rey Trace

A ray tracing graphics engine written in Java designed to produce realistic images given the description of a scene

- Implemented a **multi-threaded** solution for optimal performance.
- Practised working in an **Agile** environment.
- **Refactored** the codebase many times to maintain it tidy as new features were added.

Jack Compiler

A compiler for the educational object-based language Jack

- Wrote a multi-tier compiler from Jack to an intermediate language, then to assembly.

S Interpreter

An interpreter written in Python for the educational Turing-machine-like language S

Languages

- GB English, *Fluent*
- ES Spanish, *Fluent*
- IL Hebrew, *Basic*