

Basel Akasha

Contact@BaselAkasha.com

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Personal Statement

I am a self-taught programmer who relies on himself. I developed my skills using self-learning methods and by following online courses. I am confident in public speaking as I like to share my thoughts. My main focus is web development but I like to go into experiments and try things out as I like to learn and gain new skills.

Key Skills

- Outstanding problem solving and data-structure skills with the ability to make efficient algorithms and construct a clean and readable code.
- Proficient in Web Development (HTML, CSS, SASS, JavaScript, React, PHP, SQL, Node.js, Nextjs, Git ...).
- Well acquainted with web accessibility, and capable of applying accessibility principles to web development and demonstrate the business case of it.
- Capable of writing unit tests, and construct software with Test Driven Development.
- Familiar with Linux and text-based interfaces.
- Knowledgeable about user Interface design fundamentals.
- Conversant with several programming languages (C, Python, C++, C#).

Work Experience

24FitDerby

Web Developer (Work Experience) (NOV/2019 - Present)

I work with 24 Fit Derby to develop their website and provide them with WordPress support.

My tasks include:

- Develop a custom WordPress theme that's accessible and allows advanced searching futures.
- Develop a custom WordPress plugin with a RESTful API to enable the website admin to manage the data related to classes and schedule.
- Provide the website admin with technical support related to WordPress.

The website is still in development, you can visit the staging version at <https://24fit-dev.baselakasha.com>

Raspberry Pi Foundation

Learning Resources Translator (Remote, Volunteer) (AUG/2019 – APR/2020)

In the Raspberry Pi foundation, I translated programming learning materials to my native language, which is Arabic. The translation process was done using some online platforms. During this work experience, I developed my communication and team-work skills.

Education

Derby College

T Level In Digital Production, Design and Development (SEP/2020 – JUL/2022 -Expected)

With classroom theory combined with 350+ hours industry placement, this course provides me with knowledge and experience in software and digital industry. The course covers critical topics to the digital industry, including Business Context, Culture, Data Analysis, Digital Environments, Security and Testing.

BTEC L2 Intermediate Extended Certificate in Information and Creative Technology (SEP/2019 – JUL/2020)

Result: D*D* (D = Distinction)

This course enabled me to gain a broad knowledge of the IT industry and how IT is used in business. During my study at Derby College, I gained work experience through practical industry placements. And improve my communication, public speaking, and team working skills.

Course Subjects (units): Software Development, Web Dev, Databases Dev, Spreadsheets Dev, Information Systems, Computer hardware, Online Portfolio and The online world

LEXIS Course (OCT/2018 –JUL/2019)

ESOL, Functional Skills Maths, Functional Skills ICT

During this course, I improved the following skills:

- Speaking Skills, including presentations and conversations.
- Writing Skills, professional emails and letters.
- Problems Solving Skills, Functional Skills Maths.

Online Courses and Self-Study

I have gained my skills from different resources (formal and informal) here is a list of online courses that I have a verified certificate of:

W3Cx: Web Accessibility (Mar/2020 – Apr/2020)

In this course, I learnt how to make the web accessible by implementing accessibility features that meet the W3C guidelines. I also learnt The business case of accessibility, including how accessibility can expand market reach, demonstrate social responsibility, drive innovation, and minimize legal risk

Linux Foundation: Introduction to Linux (Jan/2020 – Feb/2020)

This course gave me a good working knowledge of Linux and how to configure and operate a simple Linux system. This helped me to operate web servers and host web applications on Linux.

CS50's Introduction to Computer Science, Harvard (May/2019 – Dec/2019)

CS50x helps me to learn how to think algorithmically and solve problems efficiently. In CS50, I solve problems that inspired by real-world domains of biology, cryptography, finance, forensics, and gaming.

Different Online Resources Including Youtube, Udemy and Sololearn (JAN/2016 – May/2019)

* References are available on request.