Farah Aly

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Summary

Recent graduate with a strong focus on software developing. Multilingual and well-spoken with experience managing projects and creating high-quality applications. Associate member of the British Computer Society seeking an opportunity to utilise skills in developing software for an established company with a strong customer base.

Work Experience

Junior Software Developer – 09/2019 to 07/2020
University of Hull's Commercial Development Practice, Tribal Group – Kingston upon Hull, UK

- Developed a Study Group App for Tribal Group web application during my final Master's year.
- Investigated new and emerging software applications to design, select, implement and use administrative information systems effectively. The final choice was Visual Studio 2019's Blazor components.
- Use of various coding languages such including C#, HTML, Pure CSS & Bootstrap, Pure JavaScript and jQuery.
- Utilised the SCRUM and Agile methodologies during the project development processes.
- Leading sprints to deliver a high-quality software on time.
- Carefully documented technical workflows in an online journal for education if the software is taken on by another group for further development.
- Met with project manager on a monthly basis to provide a detailed project report and milestone updates.

Lead Instructor – 02/2020 to 03/2020 and 10/2020 to 11/2020
Code First Girls – Kingston upon Hull, UK and Remote

- Created an enjoyable and interesting learning environment for students to learn about fundamentals of Web Development over 2-hour session held weekly for 8 weeks.
- Immersed students in various methods and lessons to drive knowledge of vital information necessary for web development such as HTML, CSS, JavaScript and frameworks, wireframes and version controlling tools.
- Adapted the course to fit a remote teaching setting during the first round of sessions while maintaining productivity.
- Measured performance of 20 students each week by administering and practice exercises and code-alongs, leading up to a final project.
- Presented engaging lessons and coursework geared toward reaching students with various learning strengths.

- Maintained smooth operations of weekly sessions through effective and efficient preparation, organization and communication with students and fellow instructors.
- Reviewed curriculum and devised alternate approaches to presenting lessons in an effort to increase student understanding.

Education

University of Hull, Kingston upon Hull, UK – 10/2015 to 07/2020

- Integrated Master's Degree: MEng Computer Science (Software Development).
- Graduated with Upper Second Class Honours.
- Took courses such as Networking and Web Technologies, Systems Analysis Design and Process, Starting and Managing a High-Tech Business, Electronics and Interfacing and Distributed Applications.
- Integrated work experience during my final year as a junior software developer.

Ecole Française Internationale de Riyad, Riyadh, Saudi Arabia – 09/2000 to 05/2015

- Bac Scientifique: French Baccalaureate, Science Stream.
- Emphasis in Mathematics, Physics & Chemistry, Biology & Geology.
- A-level equivalent grade of AAB.

Skills

Software Development Tools

- Proficiency in Visual Studio 2019, Visual Studio Code, Atom, PyCharm.
- Advanced in GitHub, SVN, Microsoft TFS.

Full Stack

- Proficiency in C#, HTML, CSS, JavaScript and frameworks such as jQuery, FlexBox and Bootstrap.
- Advanced in ASP.NET, MVC and VS2019's Blazor Components.
- Intermediate in SQL and C++.
- Beginner in Python, NodeJS, Java and PHP.

Research, Planning and Teamwork

- Advanced skills in Agile and SCRUM methodologies, user specifications, wireframes and risk management skills.
- Motivational and collaborative team player.
- Astute problem-solver with great attention to detail.

Designing Tools

- Advanced in video editing tools such as Sony Vegas Pro and Adobe AfterEffects.
- Familiar with design tools such as Adobe Illustrator, Adobe Photoshop, Figma and Gimp.

Languages

- Native French, Arabic and English speaker.
- Intermediate Spanish speaker.

Professional Development

Udemy Academy – 12/2020 to Present
  Complete Web Development 2020 Bootcamp

54 hour online course teaching all the fundamental skills related to web development using the latest technologies such as HTML5, CSS3, Javascript, Bootstrap4, NodeJS, MongoDB and more.

Udemy Academy – 11/2020 to Present
  Complete Data Science 2020 Bootcamp

29 hour online course training in Mathematics, Statistics, Python, Data Visualization, Machine and Deep Learning.

Code First Girls – 07/2020 to 08/2020
  Introduction to Python Programming

16 hour online course teaching the basics of Python programming including APIs and various libraries.

References

Available on request.