Emmanuel Odame-Asante

Website: www.emanodame.com | **GitHub:** http://github.com/emanodame | **Phone Number:** 07479 610602

Education

2014 – 2018   University of Essex – BSc (Hons) Computer Science (Year in Industry)

- Expecting First Class honours.
- Relevant Modules: Object Oriented-Java (1st) Network Fundamentals (1st) Web Development (High 2.1)

2012 – 2014   Kettering Science Academy – A-levels

Psychology (B), Chemistry (C), Physics (D)

2007 – 2012   Ise Community College – GCSEs

8 GCSEs (A*-C) grades including Maths, English, Triple Science and Engineering.

Personal Projects

Should I Watch? - Developed with C#

- Implements various API's such as FluentMetacritic and IMDB Scraper that scraps Web pages Metacritic and IMDB for information about the requested movie.
- User input contains autocomplete textbox which implements MySQL that retrieves 1.5 million movie titles.
- Web Browser functionality on final screen that automatically searches for the requested movies trailer on YouTube and displays it.

I developed this program for my family. We always refer to Metacritic and IMDB to help with our movie selection. So I created this helpful program which displays all information on a single window. Using helpful API's, I get information such as ratings from users and critics, genre, directors and film length time. Also implements a formula which recommends if I should watch the movie based on the ratings.

Eman's Fitness App - Developed with Java/XML (Android)

- Deep knowledge of fundamental Android development practises, from UI to memory management.
- Uses SQLite to add, retrieve and delete exercise statistics to table.
- Helpful tools implemented such as Timer, BMI calculator, Weight Converters.

I created this android application to primarily aid my workout routine when I go to the gym. I specialized this to myself so tools such as Timer have a one minute interval which is the rest period I use at the gym. I also applied an option to save specific notes about the exercise to an SD card just in case I want to transfer information to another device.

Grade Calculator – Developed with Java (Swing)

- Interactive aesthetic GUI that receives various marks with percentage weights from user and calculates aggregate mark.
- MySQL implementation that can save final mark to database and retrieve a past saved mark from database.
- My most popular project with multiple forks on GitHub.

I developed this program for peers on my course. I made this program because there was not a suitable program that can accurately calculate the average mark of all the module marks with percentage weights. Adding database functionality keep track of individual marks with saved names and it can even send marks to other computers.

Personal Website – www.emanodame.com

- Personal website which has links to GitHub, LinkedIn and supplies contact information.
- Developed with HTML5/CSS3/JavaScript(JQuery) with Bootstrap

I created this interactive website as a way to have all information about myself be available online. GitHub Pages hosts the website for free however I was not happy with the domain name so I purchased an external domain name and with configuration changes I redirected the new domain name to GitHub pages domain.

Technical Skills

Programming Languages: Java, C#, C, JavaScript, JSP, SQL, Python

Databases/Tools: HTML5, XML, CSS3, JQuery, Bootstrap3, MySQL, SQLite, Git

Software: MySQL Workbench, Visual Studio, IntelliJ, Webstorm, Eclipse, GitHub, Windows, Linux, Sublime Text 3

Software Development: Agile, Waterfall, UML 2.0

Work Experience

2013 – 2014   Maplin Electronics - Sales Advisor

- Gained valuable written and verbal communication skills through effectively dealing with customers and management.
- Problem solving skills were developed by dealing tactfully with customers concerns.
- Team working skills improved greatly by working with a small group of colleagues.

Interests

7 A side Football Team

- Was the captain for a small football team.
- Being a captain enhanced my management and leadership skills by organizing training sessions and meetings.
- With hard work and dedication our team placed 2nd overall.

I have an undeniable passion for Software Engineering. By joining The Institute of Engineering and Technology, I receive E&T magazines to seek the latest innovations in the technology sector. In my free time I develop software which either helps myself or others.

Profile

I am a hard worker. Spending many hours on multiple personal projects and work is my passion. I aim to be the best Software Engineer I can possibly be. Capturing the experience and skills from working in a business environment, I can work in a team as well as independently and can always be trusted to do an excellent job. In addition to this, I am a very fast learner who always feels it is necessary to accomplish my goals.

References available on request.