

Tamer Wagih

C++ DEVELOPER, IMAGE PROCESSING DEVELOPER

Profile

As an ambitious C++ developer, I bring a high level of enthusiasm and a comprehensive understanding of multiple programming languages to the table. I excel in all stages of the software development lifecycle, including planning, development, and maintenance.

With a strong focus on detail, I have successfully designed and developed projects from initial concept to final roll-out. My extensive experience enables me to tackle complex challenges with confidence and deliver robust solutions.

In addition to C++, I possess proficiency in various other programming languages, allowing me to adapt and utilize the most suitable tools for each project. This versatility enhances my ability to meet project requirements efficiently and effectively.

Experience

C++/Qt Developer, Image processing, CStride, Cairo

OCTOBER 2021

- At CStride, I had the opportunity to work with a diverse range of technologies including C++, Qt, Python, C#, Matlab, OpenCV, ITK, VTK, and Azure DevOps. My primary focus was on delivering a positive and seamless customer experience.
- During my tenure, I played a key role in complex and well-organized projects involving medical image processing for Pathological and Scanned images. Notably, I contributed to the following main projects:
 1. FeatureViewer: I developed a Qt application that effectively extracted features from MRI/CT scan images and provided an intuitive interface to visualize these features. Machine learning techniques were employed to classify cancer risk factors, enhancing the capabilities of the application.
 2. Zeiss QC: I was involved in the development of a C# application responsible for reading CZI images and conducting Quality Control (QC) tests on them. This application facilitated efficient image analysis and ensured high-quality results.
 3. DCMTKSwigg library: I contributed to the development of a C++ library that encapsulated the functionalities of the DCMTK library while introducing enhanced DICOM reading and conversion capabilities. This library played a crucial role in improving the efficiency and effectiveness of DICOM-related operations.
- Throughout my work at cStride, I consistently aimed to deliver robust solutions and exceed client expectations. I actively collaborated with cross-functional teams, applied problem-solving skills, and demonstrated a strong commitment to delivering high-quality software products.

Personal Projects

MessengerApp

- A simple messenger app developed with asp.net core, SignalR, and angular

Amazon clone fullstack app

- Amazon clone app with react, context API, Firebase, and Node-express.

Details

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Links

[Portfolio](#)

[LinkedIn](#)

[Github](#)

[Pluralsight](#)

[Udemy](#)

Skills

C++

Qt

C#

Python

Matlab

Vtk, Itk, OpenCV

Javascript,

Nodejs

PostgreSQL , MySql, Sqlite

WhatsApp MERN fullstack clone

- WhatsApp clone app with react, context API, MongoDB, and Node-express. Includes Google login.

CRWN CLOTHING e-commerce react app

- A full e-commerce app with react, redux, redux-thunk, and redux-saga.

Covid-19 Tracker React App

- COVID-19 tracker app with react, react material ui component, react-chart.js, and react-leaflet.

Code Editor react app

- A javascript code editor and text editor wrote with React and Typescript.

Courses

Courses attached in links, Udemy and Pluralsight

MAY 2019

Education

Udemy Online Courses

APRIL 2019 – PRESENT

I took several courses on Udemy about basic programming, languages, and full-stack web development technologies and frameworks.

Pluralsight Online Courses

MARCH 2021 – PRESENT

I extended my learning on that excellent resource to learn valuable paths and technologies

Bachelor of Pharmaceutical Sciences, Faculty of pharmacy, Ain Shams University

OCTOBER 2007 – JUNE 2011