

Ahtasham Ali

Software Developer

Koblenz, Germany | +49 15678 201326, +49 1575 0709357 | me@ahtashamjaved.com

[in linkedin.com/in/ahtasham-ali-9b3a4622/](https://www.linkedin.com/in/ahtasham-ali-9b3a4622/) [🌐 ahtashamjaved.com/](https://ahtashamjaved.com/)



Summary

Software / Image Processing / OMR Developer has over 10 years of experience in software development, had been working in an examination body from Jan 2013 to April 2021 by using image processing techniques I have developed an OMR application which is being used from 2016 and have processed more than 100 million OMR sheets successfully. Further, I have developed applications for private clients in Waste Management System by using RFID and weighbridge by using serial port data, SQL Server, and Cameras images as input. Also have developed online portals for said software using Asp .NET by applying data syncing using SQL server jobs. Have some experience in Android development. When talking about data analytics I have worked a little in the R language for some data analysis and these days just learning Python language. Also have experience as a teacher where I teach programming languages (i.e C, C++ , C#) to bachelor classes in part-time

Work experience

Computer Programmer

Jan 2013 - April 2021

[Board of Intermediate and Secondary Education Sargodha](#)

Worked as a computer programmer in BISE Sargodha, where I lead a team of more than 15 employees. There I developed an OMR application using Aforge image processing library and c# dot Net. In the development of the OMR application, I used my own developed algorithms (i.e for detection of specific image spots like rectangles or filled bubbles, etc) By using this application my firm is saving more than 15 million Pakistani Rupees annually which were previously given to the private firm for processing the OMR sheets. Further developing tools which I used there during development are: Visual Studio, Crystal Reports, ASP dot net, SQL Server, etc

Web Developer

Oct 2011 - Jan 2013

Upanels Sargodha

Main duties in this organization were about design, develop and test the web sites and web related solutions tools used there were HTML and Advanced CSS, Pixel Perfection, Typo3 Extension, jQuery, MVC, ASP dot Net, Responsive Web Development etc

Education

Masters in Web and Data Science

May 2021 - Current

University of Koblenz

Studying this master course to enhance my carrier in the latest technologies of the web as well in new techniques of Data Science.

Master of Business Administration (3.01/4.0 cgpa) March 2012 - Sep 2015

[Virtual University of Pakistan](#)

Skills

Software Development / Image Processing / OMR Development



C# dot Net using Emgu CV (wrapper of OPEN CV) and A forge dot Net Reporting using Crystal reports and Microsoft Reports
Web applications using Asp dot Net , MVC, dot Net Core,HTML and PHP
Android Development using Android studio
Developed some arduino circuits as a hobby

Languages



C,C++,C#, Java, Java Script, PHP, ASP.Net, Python, R,SQL, HTML

Applications



Microsoft Office Suite: Word, Excel, PowerPoint
Microsoft Visual Studio, Android Studio

Databases



MS Access, SQL Server, mysql, Store Procedures, Sql Jobs, Linked Servers

Speaking Languages

- English : - good grip on spoken, written, listening and reading
- Urdu :- Perfect command on spoken, written, listening and reading
- German:- A little command on listening , speaking, writing and reading
- Hindi :- Good command on listening, speaking , and can read and write only a few words

I completed my Masters in Business Administration with a specialization in "Information Technology" This degree helped me to understand business and management, as well as I, enhanced my research in image processing because my final project in this degree was OMR software which I am using in my firm now.

This degree also taught me how I can manage my day-to-day routine matters quite well and also helped me in personal management.

Bachelor of Science in Computer Science (2.96 / Sep 2007 - Oct 2011
4.0 cgpa)

Univeristy of Sargodha

Other than usual computer science courses in this 4 years degree, my final project was "Human Face detection and recognition" using C# dot net and image processing libraries like Emgu CV and Aforge.net This project was my initial introduction to image processing which make me interested in this field

Also participated in intra-universities speed programming competition from my university as I was one of two members selected from my university to participate in this competition which was held between 26 universities of Pakistan in NUST University in December 2010.

Certificates

- IELTS Academic :- 6.5 overall
- NUST Speed Programming Participation
- University of Sargodha, Programming competition 2010

Core Competencies

- Windows Form Applications
- Web application using ASP.NET
- .Net Core
- C# programming
- Troubleshooting
- C programming
- Android Studio
- Arduino
- Microsoft SQL Server
- Weighbridge Software development
- Get data through the serial port
- Visual Studio
- Java Language
- Image Processing
- Machine Learning
- Basic computer networking
- Systems Integration
- Quality Assurance
- RFID Reading
- MQL 4