Emad Bin Abid

An energetic Software Engineer aspiring to expand career growth in web and mobile platforms

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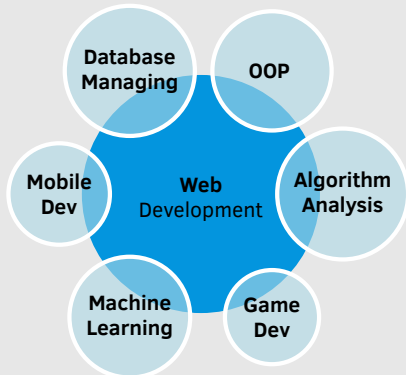✉ emad.bin.abid@gmail.com

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GitHub EmadBinAbid

Skills

Overview

Programming

Python • C++ • C# • HTML5 • LaTeX

JS • SQL

Java • C

Projects

StellarDefence - A 2D game of space using C++ and OpenGL/SDL as backend development tools.

Telecom Management System - A desktop application for telecommunication management using C# and MySQL as development tools.

Blue to Black - An inspirational animation depicting social issue using Autodesk Maya and Adobe After Effects.

Project GariKhata - A web application of deep maps of Karachi's area named Gari Khata using HTML5, CSS3, Bootstrap, jQuery, createjs, p5.js and Python.

Education

2016 to date	**BSc., Computer Science** (CGPA: 3.7/4.0) Habib University, Pakistan
2014 - 2016	**B.I.E.K, Pre-Engineering** (Percentage: 87.45%) Adamjee Govt. Science College, Pakistan
2014	**B.S.E.K, Matriculation** (Percentage: 88.24%) Little Folks' School, Pakistan

Research

2017 to date — Deep Learning — Habib University, Pakistan
Thesis: To improvise Google Maps and Navigation systems using Google APIs.
- Research conducted with one of the Assistant Professor's of Habib University who has her PhD in Robotics.

2018 to date — RoboCup Soccer Simulator — Habib University, Pakistan
Thesis: To develop self-learned team for RoboCup Soccer using Team-Partitioned, Opaque-Transition Reinforcement Learning.
- Research conducted with one of the Assistant Professor's of Habib University who has her PhD in Robotics.

2018 to date — Cartography — Habib University, Pakistan
Thesis: To build map network of a place named Gari Khata in Karachi.
- Planned the web version of map surveys.
- Provided support in data collection using the ODK.

Achievement

- Has been studying on a full-fledged scholarship in Habib University.

Tools & Technologies

Programming Languages	C, C++, C#, JavaScript, Java, Python, Node.js
Development Frameworks	.NET, JAVA, Express.js, Angular, Ionic
Development Tools	Microsoft Visual Studio 2017, Dev Cpp, Eclipse IDE
Modeling Tools	DB Designer, UMLet
Analysis Tools	Tulip, Pajek
DBMS	MySQL, MongoDB
Distributed Sys. Tech	Threads, Socket Programming (Linux)
Graphics	Adobe (Photoshop + After Effects), Autodesk Maya
Operating Systems	Windows & Linux

Extra-Curricular Activities

- Participated in Google Study Jam.
- Finance Head in HUMUN' 17.
- Finance & Sponsorship Head at Habib University Entrepreneurship Society from 2017 - 2018.
- Member at Habib University Choir.
- Performing Artist at DreamStage and Mouseequi.
- Affiliated with Azal Band.

References

Will be furnished on request.