

ELVIS SEGBEAYA

Software Developer
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PROGRAMMING PROJECTS –

Solid experience in the full life cycle (SDLC) of the software development process including requirement gathering, analysis, design, development, writing technical/system specifications, interface development and implementation of Client/Server, Distributed, Internet and E-Commerce application using Object Oriented Methodologies and RDBMS. Complete multi-tiered application development lifecycle experience using Java/C++/C# technologies. Expertise in reviewing client requirement, prioritize requirement, creating project proposal. Experience in using various IDEs Eclipse, MyEclipse, Visual Studio, Atom for Application development.

Projects to Demo will be found on my website @ <https://elviscarter.github.io/>

EDUCATION AND SKILLS

The University of Houston 2017-2019

Bachelor of Science in Mathematics w/ Computer Science

The University of Houston 2017-2020

Bachelor of Science in Computer Science

Tarrant County College 2012-2015

Associate of Mathematics

Personal Projects:

Pricing Module –

- Analysis of user requirements, create and modify block diagrams and logic flowcharts
- Experience in implementing Web Services REST.
- Wrote JavaScript to validate the fields of the user login system.
- Used Java to write back-end.
- Worked with MySQL.

Airline Seating Module

- Created use-case diagram for airline seating process.
- Designed and developed seating arrangement using java.
- Used Data structures to develop program in Java.

Admin Portal

- Created an admin portal to regulate a website and functionalities.
- Used Java with PHP injections for backend.
- Created SQL from scratch with given information.
- Used Vue.js to implement the front end.

Calculator– C#

- Created a Calculator using MVC architecture in ASP.net.
- Wrote JavaScript to validate the fields of the user login system.
- Wrote functions and methods using C#.

To-Do program - React

- Used Object-Oriented design to create hierarchy of design.
- Created classes, methods and props to organize the data within components.
- Wrote Validation Scripts using React.

Video Game Design [chess]– C#

- Analysis of user requirements, create and modify block diagrams and logic flowcharts
- Implemented Web Services REST.
- Created AI Chess Game using MVC architecture in ASP.net.
- Wrote JavaScript to validate the fields of the user login system.
- Wrote functions and methods using C#.
- Code refactoring.
- Worked with SQL lite.

Website Design-[food catering service]

- Created and implemented online store designs using HTML/CSS/JS.
- Used PHP for backend services.
- Used Data structures to develop program in Java.

TECHNICAL KNOWLEDGE AND SKILLS

- **Operating Systems:** All Windows systems, UNIX/Linux
- **Languages:** C#, C++, Java, ([front end]-HTML, CSS, JavaScript, Node.JS, Vue.JS, React.JS), R, MatLab Scripting, Python, SQL, LinQ, T-SQL, ASP.NET MVC
- **Database Management:** SQL, MS Access, Oracle, Apache Tomcat
- **Applications Platforms:** Visual Studios, R Studios, MS Office (Access, Excel), ASP.NET, .Net, MATLAB, ATOM, GIT, Tortoise SVN, Eclipse
- **Functionalities:** Logging, Unit Testing, Polymorphism, Agile Methodologies, Waterfall, Code Refactoring, MVC architecture, Algorithms, Numerical Analysis, Oracle SQL, Jenkins CI/CD, SOAP, REST, Threading, Async.
- **Mobile Software Engineering:** UI/UX Development, iOS and Android[Xamarin], Development, Application Testing, Unit Testing, Deployment
- **Data Science:** Machine Learning, Data Mining, Predictive Analytics, NLP, Data Sets, Predictive Analytics, Data Cleaning/Mining, Text Analytics
- **FrameWork:** .NET, ASP .NET

ACHIEVEMENTS

IB Graduate

Honors Graduate

Texas High School Distinguished Graduate

Presidential Award (2008,2011)

Dean's List (2014)

Employee of the Month (Monitronics)

Hobbies

Learning High-Level Math and AI

Reading self-improvement books (Art of War, Mastery, The Power of Habit)

Learning musical instruments (piano, guitar)

Tutoring Math to ages 5-99

Creating applications- web applications, games, etc...

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