

SOFTWARE DEVELOPER

EXPERIENCE SUMMARY

- Developed web-based applications using ASP.NET, C#, SQL and JavaScript.
- Maintained high level of accuracy and demonstrated dependability in fast paced work environments.
- Designed, implemented, tested and maintained department productivity metric tools using Visual Basic and Microsoft Access.
- Installed and tested firmware on products which perform mission critical protection and control of the bulk electric system.

SKILLS

Web Development: HTML, CSS, JavaScript, ThreeJS

Programming Languages: C#, Java, Visual Basic

Databases: SQL Server, MySQL, SQLite


Frameworks: ASP.net, .NET Framework, AngularJS


IDE: Eclipse, Visual Studio 2017, Visual Studio Code


Source Control: Team Foundation Server, Git/Github


Methodologies: Agile(Scrum)

RECENT PROJECTS

Library Management Database  - Library management database including stored procedures developed with SQL.

Bookmark Preview Tool  - ASP.net application that provides users with visual previews of their bookmarks as well as ways to sort and categorize them.

A * Search Tile Editor  - A tile editor providing visual demonstration of the A * path finding algorithm written in vanilla JavaScript.

Blackjack  - Game of blackjack written in C# with anti cheating measures logging suspicious activities and exceptions in an SQL database.

EXPERIENCE

The Tech Academy, Portland OR — *Software Developer, Instructor*

SEPTEMBER 2018 - JANUARY 2019

Assisted in development of the The Tech Academy's Learning Module System. My daily activities ranged from bug fixes to more in-depth back end work creating the email notification functionality. I met daily with the development team, demonstrated reliability by efficiently completing assigned tasks and effectively communicating any issues discovered. Instructed local as well as remote students, providing assistance and tutoring through in depth software development coursework.

- Used C#, JavaScript, HTML and CSS daily to efficiently solve assigned tasks while adhering to an MVC design pattern.
- Created a partial view for the Job Placement Bulletin and styled said view as a dynamic sidebar to utilize limited display space.
- Developed email notification functionality to keep the Job Placement Director up to date on recent student job offers.
- Effective working with Agile methodologies (Scrum).

Schweitzer Engineering Laboratories, Pullman WA — *Enclosures Specialist II*

JULY 2016 - JUNE 2018

Recognized as reliable, hard working and tech savvy. I was quickly promoted to the Pullman Custom Panel/Enclosures Shop and then again from Enclosures Specialist I to II. While working in the Panel Shop I was granted responsibility of designing software tools to track build process productivity metrics and oversee implementation of these tools. The use of these tools prompted me to propose purchasing of equipment which decreased discovered inefficiencies by up to 40%.

- Implemented, tested, and maintained department productivity metric tools using Visual Basic and Microsoft Access.
- Built, wired, inspected, and tested custom electrical panels/enclosures from in house as well as customer-supplied schematics.
- Installed and tested firmware on various power system protection relays through terminals.
- Decreased mechanical production times by reducing drilling/tapping process defects through purchase/implementation of electric tapping arm.

EDUCATION

The Tech Academy, Portland OR - *Full Stack Development*

JUNE 2018 - OCTOBER 2018

University of Idaho, Moscow ID - *Information Systems*

AUGUST 2009 - AUGUST 2011

