

Gabriel Pierce

(385) 264-2053 | GabeBrPierce@gmail.com

COMPUTER SCIENTIST

Data Analytics | Computer Programming | Customer Service

Problem-solving software designer who creates user-friendly solutions to complex problems.

- ⇒ Understands computer science practices, methods, and techniques.
- ⇒ Follows specific directions to meet company or client's needs.
- ⇒ Knows computer design and programming software to complete design and analysis tasks.
- ⇒ Adapts to changing situations and proposes solutions to software problems.
- ⇒ Analyzes and interprets data to identify trends and patterns.
- ⇒ Recommends effective solutions that utilize computer science principles.

SQL | Python | C# | JavaScript | Microsoft Office Suite | Excel | ASP.NET MVC | jQuery
.Net | XML | HTML | REST | Visual Studio | MS SQL Server | MySQL | Unity
Agile Methodology | Google Suite | PHP | SCRUM | Visual Studio | Visual Studio Code
React Native | Docker | Kubernetes | Java | Git | Windows 10 | Windows 11
MySQL | MongoDB | API Development | Entity Framework | Azure DevSecOps

Experience

JAAW, Hill AFB, UT

10/2022 – 8/2023

Software Developer

Worked with a team of professionals to re engineer a tactical warfare simulation system. Developed a strong understanding of Agile Scrum methodologies. Successfully delivered high-quality deliverables to clients.

- Re-engineered a tactical warfare simulation system from the ground up, using state-of-the-art technologies and software system packages.
- Worked within an Agile Scrum environment to deliver high-quality deliverables that met the client's needs.
- Developed and implemented new features and functionality for the tactical warfare simulation system.
- Troubleshooted and resolved complex technical issues.

- Wrote unit tests to cover all scenarios and ensure functionality throughout development.
Ensuring high quality and timely deliverables.

UWNU, Ogden, UT

12/2019 – 06/2023

Software Developer | Data Analyst

Build software solutions for businesses such as websites and spreadsheets. Design reports and summaries for business growth for government reporting. Design reports for employees to fill out. Create spreadsheets or software to summarize information for governmental reporting.

- Developed processes for corporations to access and analyze information utilizing software and programming skills that designed, tested, organized, and produced data to client specifications.
- Generated improved and streamlined information tracking systems by standardizing processes utilizing software.
- Customized approach to clients' needs by utilizing a variety of tools and programming languages.
- Resolved gaps between company provided data and required data by developing processes and creating surveys to collect data.
- Created processes and forms to ensure proper data input by structuring employee forms and forcing data validation on fields.

AgovX, Hill AFB, UT

11/2021 – 9/2022

Courseware Developer

Project Manager: Mike Combe

Design, plan, and organize training programs (courseware) for customers at CMXG. Created courseware and knowledge capture for on-the-job and computer-based training. Reviewed and improved previously developed courseware.

- Sorted, organized, and performed tasks and actions utilizing computer software.
- Coordinated completion of project by following procedures and gated processes including minor phases and actions as part of larger processes.
- Filtered and analyzed detailed information to meet client needs utilizing Excel and programming languages.
- Spearheaded development of tracking software utilizing WPF and Excel to that led to:
 - Decreased courseware development times by simplifying user interface.
 - Improved clarity on project progress and milestones for team and client.
 - Decreased tracking time 35% for courseware development by streamlining reporting procedures and improving usability.
 - Improved precision of data developed through project tracking.
- Analyzed and interpreted data spanning back 3+ years of courseware development.
- Implemented high-efficiency training strategies through comprehensive training documents.

- Captured knowledge from subject matter experts utilizing in-person consultation, e-mail, and other methods.
- Made content user-friendly and improved universal design elements by implementing UX and UI principles to deliver seamless learning content.

Constellation Software Engineering, Hill AFB, UT

09/2021 – 11/2021

Data Analyst

Digitized charts from TOs and POs. Put charts in the system for software to calculate gasoline usage, plane climb rate, and maximum speed for Air Force Crafts. Input the information into software.

- Reduced preparation time for aircraft launch 91% (2 hours to 10 minutes) by digitizing aircraft charts into software to decrease calculation rate for gasoline usage, climb rate, maximum speed, etc.
- Tested new features of software developed in-house for accuracy regarding major data points, minor data points, and curves.
- Improved data capture by adapting procedures for a specific chart.
- Analyzed and sorted through data to identify outliers by developing software, utilizing Excel, and utilizing Access.
- Worked within an AGILE and SCRUM environment.

AMERICORP

Volunteer

100 Hours

Mentored at-risk high school students and developed reports.

- Developed process and designed software utilizing Excel to create automated reporting that:
 - Reduced time spent tracking 97% (40 hours to 1 hour).
 - Improved data accuracy.
 - Freed up volunteers to spend more time doing primary jobs.
- Updated reporting system to provide clients real-time summary of progress on projects.

Education

OGDEN-WEBER TECHNICAL COLLEGE, Ogden, UT

04/2019

Software Development Certificate 1440 hours (approx. 48 credit hours)