

Joshua Williams

Breckenridge, CO 80424
jjoshau@gmail.com
269.532.3981

A thrill-seeker with fine tuned skills in software development and system administration.

Experience

Lead Technologist February 2015 – October 2018

VML, Inc. – Breckenridge, CO

Architect and delegate solutions for large scale initiatives. Configure and test systems for streamlined development cycles and turnarounds. Manage and tune servers for efficient and reliable connectivity.

Application Developer December 2010 – February 2015

VML, Inc. – Breckenridge, CO

Develop scalable web applications, games and promotions to engage consumers and increase brand awareness. Utilize a variety of languages, frameworks and engines, including Adobe AEM, Django, and .Net. Extensive library use, both server and client for complete integration. Heavy state requirements compelled intelligent design for multiple platforms, including PostgreSQL, SQL Server, SSIS, and MongoDB. Additional efforts include social analytical research, automation, and administration. All code maintained on various systems, git, svn and TFS, and integrated utilizing GitLab, TeamCity and Jenkins.

Research and Development June 2010 – February 2011

Western Michigan University – Kalamazoo, MI

Research conducted under the Department of Geography Risk Avoidance and Mitigation Project.

Create, maintain and monitor artificial neural networks (SNNS and JavaNNS) to predict the risk of Late Blight Disease in crops throughout the Midwest. Develop Linux based software to aide in the continual research and management of the project. Administrate lab systems and ensure integrity of all collected data.

Software Developer 2009 – 2011

Petra Electronic Mfg. – Moline, MI

Create and manage a relational database to track all inventory, job and employee related information. Develop a tiered, multi-user .NET application for easy manipulation of the database within any Windows environment. Design an intuitive front-end interface allowing all employees to efficiently accomplish their tasks. Establish a secure local network for sensitive database traffic.

Education

BS, Computer Science – Summa Cum Laude

Western Michigan University – Kalamazoo, MI

College of Engineering & Applied Sciences

Certifications

Titanium Certified Mobile Developer

Publications

Baker, K.M., Williams, J, Lake, T.L., and W.W. Kirk. 2011. The role of climate normals in crop specific weather forecasts. In E. Gelb and K. Charvat (Eds.), EFITA/WCCA'11: Papers presented at the 8th European Federation for Information Technology in Agriculture, Food and the Environment / World Congress on Computers in Agriculture (pp.493-498). Prague, Czech Republic: Czech Center for Science and Society.