

Howard Looman

ASP.NET and SQL Developer

Personal Information

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LinkedIn

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DaneLooman

Website

Looman.Dev

Github

Github.com/DaneLooman/

Hard Skills

Microsoft Office Programs

(Excel, Word, Power Point, Access)

EXCELLENT

MS SQL Server Manager and MySQL

EXCELLENT

ASP.NET Core 2.0 and C#

EXCELLENT

Adobe Suites

(Photoshop, Premier Pro, InDesign)

ADVANCED

HTML, CSS, and Git

ADVANCED

JavaScript

INTERMEDIATE

Python 3 and Django

INTERMEDIATE

Soft Skills

Communication,
Teamwork,
Customer Management,
Leadership,
Problem Solving,
and Work Ethic

EXCELLENT

ASP.NET and SQL developer with 3+ years of experience working in and leading teams. Self-motivated, driven, and adaptable; proficient in building complex MVC Programs, SQL queries, and database structures. Familiar with a number of languages including C#, Python, JavaScript, and PHP.

Experience

2017-05— present **Professional Technologist I**

West Virginia University: Student Financial Services and Support: Funds Management

- Oversaw the implementation of the Academic Works, a scholarship management system built on Ruby on Rails.
- Worked with IT to design an Argos Data block for all enrolled students and designed an SQL filtered report through the Argos Reporting System to easily import students into Academic Works.
- Developed automatic filtering methods in each scholarship to find the highest qualified applicants for each opportunity based on the CSV created from the previously generated automatic report.
- Instituted a test environment within Academic Works and developed an in depth test plan to account for different variations in scholarship levels, residency, budgets, and the SQL to ARGOS to Rails interaction.
- Overcame technical problems between SQL and Ruby by using my knowledge of both languages to produce properly assigned variables and filter requirements.
- Worked with developers, engineers, and customer service representatives within the Academic Works Corporation and their parent company, Blackbaud to learn and understand the capabilities of their product and its possibilities for WVU.
- Created and fostered relationships with previous and current scholarship managers within many colleges including the Statler Engineering College, the College of Creative Arts, College of Law, Reed College of Media, and the Davis College.
- Reduced the scholarship matching process from a month to four days with a decrease in errors by 90% and reduced semesterly labor costs from 320 hours to 35.
- Created on demand reports using the Argos Reporting System and SQL filtering to meet in office user needs.
- Quickly learned the University's complex data structure through Oracle SQL Developer.
- Used Oracle SQL Developer to build reports for leadership based on user driven queries.
- Used advance Argos training to implement population selections or 'Pop-sels' into SQL filters to assist in student communication.
- Developed an automatic failsafe method for identifying students matched within Academic Works, allowing administrators to track changes in award packages and enrollment. This prevented overawards and allowed for re-matching in the event of withdraw.
- Implemented this failsafe by batch loading a code to matched students, creating a daily automated report in Argos that used SQL filters to pull students with the code who have had their aid adjusted.

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Education

West Virginia University

2015-06 — 2019-05

Candidate for Bachelor of Science in Business Administration

Major in Management Information Systems

- Overall GPA: 3.40
- Major GPA: 4.00
- Expected to graduate in May of 2019
- Accreditation: Higher Learning Commission

Relevant Course Work

- Management and Information Systems
- Computer Science
- Accounting
- Finance
- Economics

2014-07 — **Accounting Assistant**

2017-05 *West Virginia University: Student Financial Services and Support: Funds Management*

- Completed large projects under direct supervision of the Assistant Director.
- Worked directly with students to troubleshoot and understand WVU accounts and policies.
- Reviewed and balanced student accounts in Banner SQL user interface.
- Generated detailed reports using Microsoft Excel and Argos Reporting software then analyzed those reports for senior management.
- Created a fully inclusive Excel dashboard for the Office of Student Accounts that tracked KPIs across all facets of the office then displayed them graphically for upper management.
- Imported and reconciled daily files from third party servers using FTP through our SSH client.
- Assisted the business manager by designing HTML forum emails and developing SQL queries.
- Upheld high standards of the University with excellent customer service and knowledge of policies.

2012-02 — **General Manager**

2014-07 *Four Horsemen Comics and Gaming*

- Managed a store with \$400,000 in yearly income.
- Managed bookkeeping, cash handling, employee payroll, event/project management, and advertising.
- Created two large charity events that raised \$2000 dollars each for Morgantown Children's Hospital and another \$1000 for M-Snap.
- Raised yearly revenue by over 20% each year since employment.
- Trained a staff of eight employees and ten volunteers while raising the standards of customer service.

Projects

Local Business Web Application (Full Stack)

- Built MVC web application using Visual Studio, C#, and ASP.NET Core 2 for local business. The Application serves as both a main customer facing website and CRM.
- Built using Visual Studio, C#, ASP.NET Core 2, and the MVC architectural pattern.
- SQL Server, database, and application deployed in Azure.
- Application servers as front facing website for store and a CRM tool for the owner.

Projects *(continued)*

Demo CRM for Communications Company (Back End Developer)

- Worked in SCRUM to gather user stories for customer service management, accounts receivable billing, and human resource management.
- Developed database model and development plan based on user stories.
- Built complex database architecture to accommodate both customers, employees, and company leadership.
- Used Transact SQL to handle automatic database changes and maintain integrity.
- Constructed and instituted a testing plan to document Transact SQL processes and handle errors.

Academic Works Implementation (Project Leadership)

- Lead an exploratory team to investigate industry scholarship management software.
- Worked with Academic Works and internal ITS to deploy new software.
- Designed in-depth test plan for matching process.
- Delivered forecasts and actualized reports to senior leadership.
- Was lead contact in recruiting colleges to Academic Works.
- Conducted user interviews to build deployment plan.
- Acted as lead developer and main point of contact.
- Program has now expanded to 7 colleges and awards \$3.8million dollars annually.

Creation of OSA Dashboard (Exploratory)

- Placed in new position and noticed a distinct lack of reporting.
- Used Argos Enterprise Reporting software to develop automated reports delivered monthly.
- Process was used to institute new collection efforts and strategic plans.
- Default rates were reduced from 4.23% to a low of 3.99%.
- Cohort default rates dropped from 19.96% to 15.81%.
- Loan revenues grew 16.04% or \$1.02 million.
- Since inception the dashboard has grown to now included institutional fees, AR collections, third-party payments, and tuition plan enrollments.