

Mark Jannenga

Summary

- **Software developer with over one year of experience with C# .Net and SAP ABAP**
- Extensive experience with object oriented programming languages
- Experience with AI and Robotic Process Automation
- Graduated with honors from Grand Valley State University

Education

Grand Valley State University – Allendale, MI – Sept 2014 - Aug 2017

B.S. in Computer Science

Minor: Mathematics

GPA: 3.886

Honors: Cum Laude

Dean's List – Sept 2014 - Aug 2017

Skills

Languages: C, C++, Java, SQL, HTML, CSS, MIPS Assembly, Python, R, ABAP, C#, ASP.NET, Powershell, Blue Prism, L^AT_EX

Software: Git, Eclipse, IntelliJ, CLion, PyCharm, Visual Studio, Atom, Linux, Windows, SAP

Work Experience

Software Developer – Consumers Energy – Jackson, MI – May 2017 - Present

Supported the Application Development team at Consumers Energy. Developed new applications and modified existing applications in SAP/ABAP, C# MVC and ASP.NET, Powershell, Python, and Blue Prism.

Lab Assistant – Grand Valley State University – Allendale, MI – Sept 2016 - Dec 2016

Attended lab sections of a Computer Architecture class (CIS 451) at Grand Valley to assist students with labs and to answer questions. Graded papers and entered grades into Blackboard.

Data Entry Clerk – Medallion Instrumentation Systems – Spring Lake, MI – May 2014 - Jan 2015

Entered data regarding warranty claims in Microsoft Access and communicated findings with customers. Created new Visual Basic scripts and Microsoft Access queries to streamline and automate aspects of the data entry process.

Computer Repair Technician – Intellect Computer Systems – Spring Lake, MI – Aug 2013

Performed troubleshooting and repairs on Windows computers, including replacement of hardware, backup and restoration of data, and reformatting of hard drives. Disassembled and recycled outdated computers.

Projects

Fiserv External Cash Desk

Created a new ABAP program for Consumers Energy to handle reconciliation of payments posted on the Fiserv network and in SAP.

CYME Incremental Update Tool

Created and deployed a new application for Consumers Energy to interface with an ArcGIS database via REST services using MVC .Net and Kendo UI.

Visual Studio Team Services Migration

Created several new Powershell scripts to automate migration of Serena and Subversion code repositories to Git for use with Visual Studio Team Services. Completed the migration of nearly 300 repositories to Git.

Robotic Process Automation Pilot

Performed technical analysis and evaluation of two competing Robotic Process Automation (RPA) technologies, AssistEdge and Blue Prism, and delivered my analysis to senior leadership at Consumers Energy.

Sentiment Analysis Proof of Concept

Performed independent research into machine learning as part of Consumers Energy's "Focus 40" program, developed a proof of concept sentiment analysis bot for Twitter using Python, and demonstrated it to the Vice President of IT and other members of senior leadership.

Courses

Computer Science I and II, Discrete Structures I and II, Computer Organization, Data Structures and Algorithms, Structure of Programming Languages, Intro to Software Engineering, Computer Architecture, Operating Systems Concepts, Database, System Programming, Data Communications, Data Mining, Artificial Intelligence