

Peter D. McCutcheon

13 McGuire Road | North Providence, RI 02904 | (401) 757-1830

peter.mccutcheon866@gmail.com

www.mdasanalytics.com

www.github.com/petermccutcheon

Overview

An Information Technology Professional with more than twenty years experience in developing complex enterprise systems who is seeking a data analytics or software development position.

Core Technical Overview

Languages: Python, PHP, JavaScript, D3.js, C, Visual Basic, R, SQL, HTML, CSS, VBA
DBMS's: MS SQL Server, MySQL, SQLite, MS Access, OracleRdb/DEC Rdb, RMS
Applications: Finance/Accounting, Manufacturing, Distribution, Sales Marketing, Order entry, Inventory, Purchasing, Retail

KEY SKILLS

- Computer program design
- Create computer programs using programming languages
- Modify and maintain existing computer programs.
- Requirements analysis
- Requirements documentation
- Analysis of existing systems
- System design
- User interface design
- Analysis of data/information processes
- Unit, integration, and system testing
- Support in-house and vendor developed computer systems
- Research and resolve systems problems or bugs
- Deploy in-house or vendor developed systems

GENERAL SKILLS

- Excellent technical writing skills
- Basic and advanced math skills
- Presentation skills with and without tools such as Microsoft PowerPoint.
- Design, develop and enhance databases using SQL.
- Design, develop and enhance data systems using non-relational database systems.
- Program Microsoft Office automation using VBA.
- Create programs and software to migrate data from one database to database.
- Design and develop reports using programming languages and reporting tools with relational and non-relational databases.
- Develop and execute unit and integration test plans.
- Support software including phone support.

Current Projects

- Developed a personal website using HTML, CSS, Javascript, PHP, and Python
- Developed an HTML table management object using Javascript.
- Developed a MySQL database for airline flight delay information.
- Loaded data into flight delay database from CSV files using SQL and Python.
- Created a SQLite3 database to host old car information for data analysis.
- Created a web based dashboard to analyze car information using scatter plots using Javascript and SVG.
- Developed web based dashboards for the analysis of airline flight delay data using Javascript and D3.JS
- Ongoing learning of Python, numpy, matplotlib, scipy, R and other data analytic tools.

Employment

June 2018 – October 2018
Full Stack Developer, Twisted Throttle, Inc

November 2008 – Present
Permanent and Substitute Teacher, Various Rhode Island School Districts
Teaching Mathematics and Science

August 2007 – August 2009
Software Support and Development Analyst, Computer Associates, Inc.

November 2004 – September 2005
IT Application Engineer, AC Technology Corporation

January 2000 - June 2003
Computer Scientist, Computer Sciences Corporation, Inc.

April 1995 – December 1999
Programmer/Analyst Contractor, The Computer Merchant

September 1993 - February 1995
Software Development Consultant, Spectrum Associates, Inc.

December 1987 - September 1993
MIS Manager, The Read Corporation

October 1982 - April 1987
Programmer/Analyst, The Worcester Company

Education

Masters of Teaching, Elementary Education
Rhode Island College, 2009

Bachelor of Arts, Computer Science
Rhode Island College, 1984