

Ian McDougal

CONTACT

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PERSONAL STATEMENT

Accomplished application administrator and data analyst seeking new opportunities at home and abroad, including, but not limited to, consulting roles for software development, production support, and operations of small unmanned aerial systems.

EDUCATION

BS Computer Science

Aug 2007 - Dec 2011

Coastal Carolina University

Theoretical Track

ABET Accredited

WORK EXPERIENCE

Compass Technology Group

Oct 2016 - Apr 2017 (Estimated)

Portfolio Analyst

(Under contract to Elevate Credit)

- Lead consultant of 6+ month project to analyze and correct historical credit bureau reports
- Designed and built custom code solutions to strengthen internal processes
- Evaluated datasets for trends and behaviors according to Credit Bureau Reporting guidelines
- Rapid addition of SAS, Excel VBA, Powershell, and advanced SQL concepts to repertoire
- Created documentation for audit trails and presentation to upper management

Rivalwatch

Apr 2015 - Jul 2016

Reporting Analyst

WebQL Driven Retail Analytics

- Commanded and expanded tire market data collection in a high load retail analytics system
- Designed WebQL specifications for data scraping and followed script development process lifecycle to completion
- Monitored and diagnosed WebQL script execution for weekly and monthly customer deliveries

Data Analysis and Customer Relations

- Analyzed data feeds to minimize error rate of product data within deliveries
- Cleansed data on Oracle and PostGres schemas, then delivered customer data via RHEL servers
- Interfaced regularly with counterparts at client companies to determine issues and evaluate performance and improvements

ERP Systems Administrator

Oracle PeopleSoft

- Administered BEA Weblogic, Tuxedo on Red Hat and Solaris
- Developed SQL for delivered schema and tables

Oracle User Productivity Kit – Developer Server and Knowledge Center LMS

- Deployed and managed IIS 7 web server on Windows Server 2008
- ASP .NET configuration and management
- Developed SQL for Knowledge Center diagnostics

Ad Astra Schedule - Classroom Booking Interface

- Deployed and managed IIS 7 web server on Windows Server 2008
- ASP .NET configuration and management

Visual Schedule Builder Implementation Project- (<https://vsb.unt.edu>)

- Led application administration sector of 6 month project:
- Gathered and implemented requirements from end users and vendor
- Directed provision details of 4 Windows Server 2008 boxes and the setup details of DNS and F5 load balancing
- Installed and administered Apache Tomcat
- Modified Oracle database to accommodate vendor as needed

DARS/U.Achieve Upgrade Project -

- Managed application administration sector of project for 6 months
- Met bi-weekly with directors, stakeholders and colleagues to help finalize project requirements
- Continuously offered perspective on business logic to coalesce goal timeframe expectations
- Directed provision details of 6 Windows Server 2008 machines and required DNS and load balancing

SKILLS

Agile/SCRUM

Coding (OO, Function, Procedural, Scripting, etc)

Application Administration

UNIX (RH5/6, CentOS, Fedora, Solaris)

System Diagnostics

Data Analytics & Modeling

Unmanned Aerial Systems (Configuration and Deployment)

Creative Solutions

Project Management

Software Development

Software QA

Software Engineering

Working Independently

Strong Initiative

ADDITIONAL ACCOMPLISHMENTS

Professional:

- Active holder of FAA Airman Certificate with sUAS rating
- Active member of North Texas Drone User Group
- 3 years combined programming volunteer experience in FIRST Robotics program
- Events Coordinator for ACM chapter at university
- Secretary of Tau Kappa Epsilon chapter at university

Personal:

- Independent volunteer to feed and clothe the homeless of Dallas County
- Regular donor to the Denton Animal Support Foundation

INTERESTS

Software Development
Robotics and Artificial intelligence
sUAS (Small Unmanned Aerial Systems)
Amateur Aerial Videography
Charity Work
Historical Tourism
Motorcycles
Off Road Driving
Music Festivals
Song Writing

REFERENCES

Lynette Fikar
VP of Operations
Rivalwatch
1951 Lewis Crossing Dr
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Luanna Saldano
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