Name: Mid Level .Net Developer

Professional Summary

As a .NET software developer with experience building applications using a wide array of Microsoft technologies, I am looking to obtain employment that will not only challenge, but expand my knowledge and experience with web technologies.

Technical Skills Summary

Languages: C#, PL/SQL, SQL, Javascript, jQuery, AJAX, Java, HTML/CSS, XML, JSON, WSDL, R, Python

Databases: Oracle 11.2, SQL Server 2012

Technologies: .NET Framework, ASP.NET MVC 4, Web API, WCF, LINQ, ADO.NET/Entity Framework, AJAX, REST, SOAP, WinForms, Bootstrap, Visual Studio, NUnit, Microsoft Team Foundation Server, Git, JIRA

Experience

SOFTWARE ENGINEER | METABOLON | JAN 2017-PRESENT

- Consulted with research scientists to develop an application that organizes large sets of data into a visual format that displays the output of their experiments using graphs and tables
  Technologies: HTML5/CSS3, D3.js/Javascript/jQuery, ASP.NET MVC 4, WCF, Oracle 11.2, Visual Studio 2013
- Maintained and updated legacy WinForms application that allows Data Curators to visualize scientific data (i.e. peak shape, mass spectra of ions, etc.)
  Technologies: Windows Forms, WCF, DevExpress, Xceed, Oracle 11.2, Visual Studio 2010
- Developed an API that enables the Data Science team to insert their data into Oracle Database and visualize it using the curation software I maintained
  Technologies: Pydata, Jupyter Notebook, PL/SQL, Oracle 11.2, Web API, Windows Forms, Visual Studio 2013
- Contributed to the maintenance of the proprietary Cytoscape plugins that allow clients to visualize their metabolomics data, metabolic pathways, and statistical heatmaps
  Technologies: Java, Maven, Eclipse, SQL Server
- Assisted in writing R scripts used to calculate Z-Scores for the Precision Medicine team
  Technologies: R, RStudio
- Used API provided by Thermo Fisher Scientific to parse .RAW files and create peak shapes based on the parsed data.
  Technologies: MSFileReader, Amazon Web Services S3, WinForms

ASSISTANT SCIENTIST, DATA CURATION | METABOLON | AUG 2015-JAN 2017

- Wrote scripts in R that automate the process of obtaining correlation data from a program called Array Studio
  Technologies: R, RStudio
- Used the curation software that is now maintained by me to analyze chemical spectra data to ensure that our metabolomics data is the highest quality possible

Education

BS., Summa Cum Laude, BIOCHEMISTRY | 2015 | NORTH CAROLINA STATE UNIVERSITY

- Computer Science courses: Intro to Programming, Object-Oriented Programming,, Data Structures & Algorithms
- Github projects:
  - https://github.com/mshumph2/Java-Projects
  - https://github.com/mshumph2/Pymol-Scripts