

Carlos K. Martos

(918) 734-6931

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<https://csharpfiasco.github.io>

github.com/csharpfiasco

Tulsa, OK 74137

Summary:

I have emphasized people and clients throughout my career. I enjoy learning from my peers and I enjoy teaching junior employees. My background has involved refactoring Classic ASP and VB.NET projects into modern solutions. I have experience with ReactJS, JavaScript and the Microsoft stack (.NET, C#, TSQL).

Skills:

- Languages: SQL/TSQL, C#/NET Core, VB/.NET, HTML/CSS, JavaScript (ES5/6), Python
- Software: SQL Server Management Studio, Visual Studio Code, Visual Studio, Django, Tensorflow/Keras, Photoshop, Illustrator, Microsoft Office
- Libraries: ReactJS, Tailwind, jQuery, Bootstrap

Education:

University of Tulsa

Bachelor of Science in Computer Science – 2017

Projects:

- As technical lead at Techsico, I oversaw and worked on the refactor of a legacy VB.NET system into a ReactJS web app (with Tailwind CSS) with a .NET Core back end.
- As lead developer (three-person team), I built a custom distribution system, including ordering, client management, order management, purchase order, credit, revenue-reporting systems.
- As a personal project I built a web crawler and screenshot Windows service in .net using Selenium.
- I developed a quick-reporting system in .NET to streamline report page builds, including Excel exports.
- At Spherexx, I developed and maintained a payment gateway using the Square API in vbScript.

Research Experience:

University of Tulsa

- Student Researcher 12/2015 – 04/2016
- Research involved utilizing information foraging techniques to better understand how to improve human-information interaction in repositories with reusable code, specifically MATLAB and App Inventor
- Categorized interactions between user programmers and search gallery interfaces, analyzing patterns in behavior and helpful cues

Work:

Spherexx

9142 S. Sheridan Rd. Tulsa, OK 74137

09/2017 – 08/2020

- Full Stack Developer
- Lead Developer
- Build and maintain liquor and cannabis distribution systems
- Custom reporting (gross profit, sales, depletion, OTC)
- Employee, client, product management, cart and ordering systems
- Long-term growth analysis
- Sales dashboards
- Custom websites and content management systems

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Techsico

910 S. Hudson Ave. Tulsa, OK 74112

08/2020 – 03/2021

- Technical Lead and Lead Developer
- Hiring manager primarily responsible for hiring team
- Project management with Jira
- Product architect responsible for the refactor of the enterprise resource planning web app
- Responsible for training of junior developers
- Used Elastic Beanstalk to host .NET Core API and legacy vb.NET application
- Used AWS Amplify to host websites with continuous integration
- Lead developer for React front end and .NET Core back end
- Managed legacy python applications
- Experience with Open ID (OIDC)

QuikTrip

4705 S 129th E Ave. Tulsa, OK 74134

03/2021 – Current

- Software Developer II
- Web development with ASP.NET and Angular
 - Entity Framework
 - OData
 - Swagger/Swashbuckle
 - XUnit
- ETL development with SSIS
- Database design with SQL Server
- Windows Services with .NET 6

Leadership/Organizations:

Society of Hispanic Professional Engineers (SHPE)

- Public Relations Chair 06/2015 – 06/2016
- Helped advertise TU-SHPE and planning projects and events; attended National Institute for Leadership Advancement (NILA)
- Founding President 09/2014 – 06/2015
- Organized professional events, inviting companies to visit the University of Tulsa and increased our budget for the next year by 66%; attended regional conference

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