**Michael Preston**

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**Portfolio:** [**https://mikepreston17.github.io**](https://mikepreston17.github.io)

# Summary

Sedulous Full Stack Web Developer with a background in Computer Science and a proven passion to never stop learning new things. Known for adaptability, energy, and collaboration during all stages of development. Recognized for maintaining product quality and functionality, enhancing data integrity as well as utilizing best practices to craft unique and powerful software.

***Technical Skills*:** C#, React, Node JS, Express, Mongo, MySql, Material UI, Bootstrap, Java, Python, C++, C

**Additional Skills:** Knowledge of Design Patterns, Project management, UML, Object Oriented Design, and SOLID Principles.

# Education

**Southern Methodist University, Dallas, Texas**

*Full Stack Web Development Bootcamp 2019*

**University of Texas at Arlington, Arlington, Texas**

# *Bachelor of Science in Computer Science 2012*

# Web Projects

Kiyap | [Website](https://kiyapp.herokuapp.com/) | [Code](https://github.com/MikePreston17/kiyap)

* Connects prospective martial arts students to schools and personal trainers by discipline for a smoother experience in choosing a dojo by employing a MySQL relational schema, role-based authentication in Firebase and Mobx state management

Modems Operandi | [Website](https://modemsoperandi.herokuapp.com/) | [Code](https://github.com/ScottW1731/ModemsOperandi)

* Create your own gaming PC automatically generating the build according to a set budget, enabling more bang for your buck, powered by the Handlebars templating engine, jQuery, Passport JS and MySQL, with a web scraper built in Python
* Led the Modems Operandi team to complete a minimum viable product in a two-week Agile sprint, using a kanban board, Git Bash, MySQL and Express JS, with deployment to production on Heroku

# Experience

**Cottonwood Financial** *May 2017 to June 2018*

**Solutions Developer**

* Designed, coded and maintained the Serenity Loan Engine Validator, increasing loan schedule throughput by up to 1500%
* Collaborated with senior developers on an architectural redesign of loan queues, decreasing turnaround for overnight tasks
* Recognized by manager for tackling new technologies and assigned ambassadorship over the Dataview 360 web service endpoint synchronization software

**Junior Software Developer - HOYA Vision Care**

*October 2014 to March 2017*

* Developed in-house desktop tools for Accounting which reconciled open items and payment data using Infragistics API and by reverse-engineering Access databases
* Designed and implemented an archive manager application for the IT Department from scratch using the .NET Framework, C# and custom WPF controls, freeing up crucial memory for the HOYA Universal Translator
* Published in-production services to the Hoya Universal Translator system responsible for parsing lens order files to store in databases by creating a custom extraction library via Regular Expressions