**TREVOR PIRONE**

Hard-working professional with three years of experience and a passion for software development.

**SKILLS**

| **WEB DEVELOPMENT*** C# (ASP.NET, DevExpress)
* SQL (T-SQL, MySQL)
* PHP
* Bootstrap 4 (HTML5, CSS3)
* JavaScript (jQuery, AJAX)
 | **SOFTWARE DEVELOPMENT*** Java
* Python (PyGame, Boto3)
* Swift
* C (C++, Arduino Uno)
* PowerShell
 | **OTHER SKILLS*** Microsoft Office
* Amazon Web Services
* Tableau
* Graphic Design
* Communication
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| **EXPERIENCE****Brean Strategic Advisors LLC** *-* NETWORK DEVELOPERDECEMBER 2018 - PRESENT* Developed a wide range of console and web applications using C# libraries and ASP.NET framework.
* Collaborated with a small team to redesign a tool capable of analyzing bank portfolios with over 10000 loans using DevExpress components.
* Assisted in the design of T-SQL stored procedures, triggers, functions, and complex queries capable of analyzing tables containing over 1 billion rows of data.
* Created interactive Tableau dashboards and worksheets for banks and credit unions to use for marketing strategies in presentations and on the company's website.
* Maintained virtual Windows Server instances hosted on Amazon Web Services that are used by the company website, SQL Server and Tableau web portal.
* Designed and deployed a new home price and unemployment methodology for the company to analyze loan trends through the utilization of indexed views in SQL.
* Created automation scripts for daily and weekly SQL Server database backups to Amazon S3 storage.

**Fabrication Enterprises Inc.** *-* FULL-STACK WEB DEVELOPERJULY 2018 - OCTOBER 2018* Created cross-platform user-friendly forms with Bootstrap for a product line of medical chairs.
* Developed web applications that utilized modern front-end technologies.
* Designed databases in MYSQL that store order configurations made by the customer and chair options.
* Implemented form submission handling, input validation, and email verification with PHP and JavaScript.
 | **PROJECTS****trevorpirone.com** *-* [PERSONAL WEBSITE](http://trevorpirone.com/)JULY 2018 - PRESENT* Programmed a personal and portfolio website.
* Utilized HTML5, CSS3, Bootstrap, JavaScript, and jQuery to design the look of the website.

**Tyler the Tiger Takes on Toronto** *-* [iOS GAME](https://github.com/tpirone66/TylerTakesOnToronto)MARCH 2018 - MAY 2018* Created a vertical jumping platformer game.
* Designed custom sprite art for all game elements.

**Binary Calculator** *-* [ARDUINO UNO](https://github.com/tpirone66/BinaryCalculator)MARCH 2018 - APRIL 2018* Constructed a binary addition calculator using the Arduino Uno hardware and software.
* Utilized hardware to adjust the brightness and contrast of an LCD screen.
* Configured to retain overflow if necessary.

**Mario Super Sluggers** *-* [DATABASE](https://github.com/tpirone66/DatabaseSystems/tree/master/Mario%20Super%20Sluggers%20Final%20Project)NOVEMBER 2017 - DECEMBER 2017* Designed a database around the video game Mario Super Sluggers using PostgreSQL.
* Created complex queries, views, stored procedures, and triggers that allows users to retrieve information on all aspects of the game.

**Marist Mayhem** *-* [JAVA TERMINAL GAME](https://bitbucket.org/tpirone66/sd1-textadventure/src/Version-1.00/src/)FEBRUARY 2016 - MAY 2016* Programmed a text adventure based game using object-oriented programming techniques.

| **EDUCATION****Marist College** *-* B.S. COMPUTER SCIENCE AUGUST 2015 - DECEMBER 2018* 3.515 GPA (Cum Laude Honors)
* Minors in Information Technology, Information Systems and Mathematics
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