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TREVOR PIRONE

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

SKILLS

WEB DEVELOPMENT	SOFTWARE DEVELOPMENT	OTHER SKILLS
- C# (ASP.NET, DevExpress)	- Java	- Microsoft Office
- SQL (T-SQL, MySQL)	- Python (PyGame, Boto3)	- Amazon Web Services
- PHP	- Swift	- Tableau
- Bootstrap 4 (HTML5, CSS3)	- C (C++, Arduino Uno)	- Graphic Design
- JavaScript (jQuery, AJAX)	- PowerShell	- Communication

EXPERIENCE

Brean Strategic Advisors LLC – NETWORK DEVELOPER

DECEMBER 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 DEVELOPER

JULY 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

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

MARCH 2018 - MAY 2018

- Created a vertical jumping platformer game.
- Designed custom sprite art for all game elements.

Binary Calculator – ARDUINO UNO

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

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

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