Tyler Becker
912 Downey Rd, North Saanich, BC, V8L 5P8
Home: (250) 655-1310
Cell: (778) 678-1310
E-mail: tbecker@uvic.ca

Career Objective:

A career in software development, starting with a job where I can contribute and further develop my skills in applied programming.

Education:

Computer Systems Technician	Camosun College	June 2009
Computer Systems Technology	Camosun College	March 2011
Software Engineering Program	Uvic	Sept 2013

Skills and Experience:

Microserve
- Deployed over a hundred computers at provincial government buildings.
- Familiarized clients of many skill levels with newly installed systems and programs.
- Fixed problems with computers that did not correctly work in the environments in which they were installed.

3xLogic
- Edited the manuals for Vigil Server, Vigil VCM, and Vigil VRM.
- Modified a Visual Basic Advanced script to show additional output despite no prior knowledge of Visual Basic Advanced.
- Wrote several T-SQL statements to demo the capabilities of an Analytics program.
- Caught and reported bugs in several Vigil products using test scripts and unscripted tests.

Programming
- Tutored students in the Comp 132 and Comp 139 courses in the use of Java.
- Coded command line programs using multiple threads and processes in C.
- Programmed a simple game engine in Java useful for 'choose your own adventure' type games.
- Programmed a fully functional chess game in order to test ideas for chess playing AIs and algorithms.
- Took part in the UVic game jam to be the sole coder for a platformer.
- Participated in the annual 2017 Battlesnake competition, making it to the second round.

Database Design
- Used knowledge of proper relational database design to help in the making of a restaurant database for the Victoria area.
- Used Oracle Designer to design a star schema for a datamart.
- Used mysql to manipulate database information through a PHP front end.
- Used C Sharp to insert, modify, and delete data from an SQL Server instance.

Technical Writing
- Worked in a group to produce formal reports on Camosun enrolment data.
- Wrote a full technical instruction manual.
- Edited a nine page comparative report on robot designs written primarily by three other writers.

Web Design
- Used CSS and XML to create websites with high ease of maintenance.
- Made webpages using PHP and JavaScript in order to gather information from visitors and respond in an appropriate manner.
- Programmed web based programs using a cron table, allowing the program to constantly respond to new inputs after a user defined delay.
- Applied my knowledge of web design to make myself a website for one of my classes.

Embedded Programming
- Coded a ColdFire to perform fast and efficient calculations.
- Used an API for an Atmel SAM3U micro controller to program a pair of buzzers and a set of LEDs to play "Life is a Boat."
- Constructed and coded an autonomous robot controlled by a VEX Cortex micro controller, giving the robot the ability to find and interact with a target object.

Activities and Interests:
- Reading
- Writing
- Trap shooting
- Biking
- Toastmasters

References:

Eric Szabo
Team Lead
(250) 507 – 8044

Sean Forster
(250) 888 – 3968
dracsis@hotmail.com