

# Stefan Vercillo

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## PROFESSIONAL PROFILE

- Adaptable developer with professional experience in over 10 different programming languages and 3 web stacks
- Approaches technically complex issues analytically; specializing in back-end development and database manipulation, experienced object-oriented programmer with PHP, C++, Python, and Java
- Strong communicator and independent thinker, with a strong understanding of practical business implications in software
- Holistic minded employee with experience achieving the automation and optimization of an engineering process from the conceptualization of an idea, to data-collection, to the testing of a finalized dynamic user-centered experience

## EDUCATION

### WATERLOO UNIVERSITY COMPUTER AND ELECTRICAL ENGINEERING

Enrolled in Classes for 2A Term  
Expected Mar 2023

## SKILLS

### PROGRAMMING

Experienced with:

- PHP • Python • C++ • Java
- JavaScript • HTML • CSS
- SQL • Laravel • Spring • Mongo
- Git • Bash • LaTeX • XML • Shell

Soft Skills

- Ability to learn quickly
- Practiced leadership skills
- Self-motivated and independent learner
- Strong communication and collaboration

## EXTRACURRICULAR

### HACK-THE-NORTH

- Collaboratively programmed a Flask-Python personal budgeting app at the uWaterloo hack-a-thon
- Used analytics to represent monthly and yearly spending trends using the TD Davinci API, which returns raw data for for 1000 customers

### VARSITY SOCCER

- Time management skills seen through attending 5 practices and two games a week for University of Waterloo soccer team
- Self-motivation, leadership and perseverance were all skills developed throughout career

### MUSICAL PERFORMANCE

- Ability to process information at a high rate, sight reading difficult RCM level 10 piano pieces

## EXPERIENCE

### FULL STACK DEVELOPER | SKYVIEW SUITES

August 2019- Current

Toronto

- Optimized the automation of numerous business processes such as accounting, statistical reporting and lead conversion with development of PHP Laravel web application, Vue.js PWA, and Python data project
- Constructed dynamic user interfaces through the use of additional front-end libraries and module dependencies, condition rendering and other technologies
- Proposed and facilitated the implementation of cutting edge engineering solutions including continuous integration with Jenkins builds and a staging server simulating a production environment, improving testing infrastructure
- Created a design process for new features, restructuring projects into smaller tasks and organizing developer workflow (using waterfall methodology)

### SOFTWARE DEV / DATA ANALYST | FORD MOTOR COMPANY

January-May 2019

Waterloo

- Developed web-application in Java; interfaced REST APIs in Spring/MVC framework improving quick learning skills by familiarizing myself with intricate program logic and modern development
- Strived in fast-paced Agile (scrum) workflow; skilled with Git version control
- Designed and implemented UI using HTML, CSS, JavaScript and associated frameworks JQuery, Knockout, Require.js and Bootstrap
- Acquired a proficiency using SQL Server and jOOQ Object Oriented Querying, as well as modifying patch scripts

### THE COMPLETE 90 | FREE-LANCE WEB DEV

July 2019- Current

Toronto

- Collaborated with CEO of theComplete90 and helped to develop an Angular.js and Node.js functional web-application backed with MongoDB which hosts over over 50 soccer clubs, with training session videos, and player dashboards

### ENGTOOLS ANDROID APP | JAVA/ANDROID STUDIOS

January-May 2019

- Conceptualized and completed an application which allows the user to conveniently perform any basic math or science operation all in one place
- Object oriented problem-solving ability seen in the creation of numerous matrix algorithms, chemical equation balancers and other calculations from scratch

### AUTOMATION ENGINE - PYTHON | SWIM TEACHING BUSINESS

January - April 2018

- Built an automated email system which reminds clients of lessons and creates calendar events using google API based on my availability to teach lessons
- Incorporated weather API so if rain was predicted for a future lesson, a new date and time was generated and suggested to client via email