# Spencer McCoubrey

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## SKILLS

### LANGUAGE PROFICIENCIES

Over 5000 lines:
JavaScript • SCSS/CSS • HTML
Python • Angular 6-8
Over 2500 lines:
Java • C • Ruby on Rails
Familiar:
Unix Terminal • PostgresSQL/MySQL
MongoDB/Mongoose

### TECHNICAL/ACADEMIC

Agile Development Methodology:
Kanban • Scrum • Jira • Git & SVN
Fundamentals of Computer Science:
OOP • SDLC • Architecture
Data Structures • Scripting • Algorithms
Databases • SEO • Version Control

## EDUCATION

### UNIVERSITY OF TORONTO SCARBOROUGH

Honours Bachelor of Science
Specialist in Software Engineering
Expected August 2020 | Toronto, ON
Cum. GPA: 3.45 / 4.0

## PROJECTS

### SAMPLE-MAKER

• Web app to upload, create, edit and share music samples.
• Created using Angular 7, Express.js, MongoDB and WebAudioAPI
• Deployed using Heroku and MLab

### PROCESS LISTENER

• Python script that listens to CPU usage and notifies of possible errant processes.

### PROJECT-EULER

• Dynamically solves mathematics and number theory problems in Python.

## EXPERIENCE

### VERTO INC. | Full Stack Developer

September 2018 – September 2019 | Toronto, Canada

- Implemented brand new message-processing API using FHIR based resources to automate clinical pathways using Python-Flask and Ruby on Rails.
- Iterated over patient facing healthcare portal in Angular 6/7, focusing on functional, accessible and extensible design.
- Collaborated effectively with other developers, project managers, healthcare-informaticians, and clients to create and publish large updates to company product suite under strict deadlines.
- Created an intuitive Angular 8 application for dynamically creating and rendering responsive forms through a drag-and-drop interface.
- Took on a supervisor role, managing, doing code review and delegating tasks to other coop students, helping develop their skills and creating a collaborative environment.

### LEONARDO INC. | Developer / QA Analyst

Sep 2017 - May 2018| Toronto, Canada

- Worked on the integration of Google Analytics into client website reporting, replacing old analytics reporting system consequently saving the company over 75 000 USD per year.
- Contributed significantly to the development of auto-generated hotel websites using the MarkoJS front-end framework.
- Consistently and accurately used and contributed to team/development agile (Kanban) workflow, including the use of JIRA and Git version control.
- Improved and updated automated testing within deployment pipeline, increasing stability and code coverage of repositories.

## INTERPERSONAL SKILLS

- Exceptional teamwork and multitasking skills demonstrated while working with small team at Verto and producing quality code efficiently.
- Very attentive to details as shown through various front-end component and website implementations.
- Actively seeks out advice from others to learn, and looks to aid others to build mutually-beneficial professional relationships through trust and teamwork within the workplace.
- Vigorously approaches problems from different angles, and works to come up with efficient and creative solutions to new and complex problems.

## LINKS

**PERSONAL WEBSITE** | https://spencermccoubrey.com
**GITHUB** | https://github.com/McCoubs
**LINKEDIN** | https://linkedin.com/in/spencer-mccoubrey-38b559130