Mitchell Burton

207-1935 W 1st Ave
Vancouver, BC V6J 1G7
(778) 772-0169
mitch@mitchellburton.ca

Bachelor of Computer Science; B.Sc., Major in Biochemistry
mitchellburton.ca   github.com/perfect5th

EXPERIENCE

Amazon Web Services, Vancouver, BC
Software Development Engineer, Route 53

May 2020 - PRESENT

Back-end engineer maintaining, developing, and monitoring distributed microservices responsible for the propagation of customer DNS changes to the global internet. Includes aspects of DevOps, SRE, new feature planning and implementation, and mentoring.

Mitch Burton Web Development and Design, Vancouver, BC
Contracted Developer and Business Analyst

AUGUST 2018 - PRESENT

Independent full-stack web developer and business analyst working on web application development and deployment, REST API development, database management, and business analytics and reporting.

Biolux Research, Ltd., Vancouver, BC
Web Developer - Full Stack

DECEMBER 2014 - AUGUST 2018

Contributed to the design, implementation, and testing of: a web application for the management of orthodontic patient data, a REST API back-end for mobile and web applications, and an eCommerce site. Duties included architectural decisions, deployment, unit/regression testing, data analysis and management of reporting tools, and full-stack development using Python and JavaScript.

BC Centre for Disease Control (BCCDC), Vancouver, BC
Research Assistant

MAY 2013 - AUGUST 2013

Worked as part of a team in metagenomic library preparation for next-generation sequencing analysis. Extracted protist, bacteria, and virus nucleic acids from environmental samples and produced PCR amplicons for library preparation.

SKILLS

Proficiency in Python, Java 8+, Kotlin, and C.

Highly Skilled with JavaScript/TypeScript, HTML5, CSS3, React, Redux, and Git.

Strong familiarity with SQL.

Functional programming aficionado: Haskell, Clojure, and Scheme. Keen interest in programming language theory and design.

Fast and motivated learner, great teamwork, code review, and interpersonal skills.

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EDUCATION

University of British Columbia, Vancouver, BC —
Bachelor of Computer Science

SEPTEMBER 2018 - MAY 2020

University of British Columbia, Vancouver, BC —
B.Sc., Major in Biochemistry

SEPTEMBER 2009 - MAY 2014

VOLUNTEER EXPERIENCE

Vancouver Coastal Health, Vancouver, BC —
Nutrition Support, Shop by Phone

DECEMBER 2014 - MAY 2020

Supports elderly members of the community or those with disabilities by receiving, shopping, and preparing grocery orders for delivery.

Big Brothers of Greater Vancouver, Vancouver, BC —
Big Brother

JUNE 2014 - PRESENT

Acts as a mentor and friend to a Little Brother without a male role model, planning and enjoying extracurricular activities.