

Mitchell Burton

B.Sc., Major in Biochemistry

mitch.b45@gmail.com

EXPERIENCE

Biolux Research, Ltd., Vancouver, BC — *Clinical Research Assistant*

DECEMBER 2014 - PRESENT

Developed protocols, collected and statistically analyzed data, and composed and edited articles for a number of orthodontic clinical trials. Additionally, performed customer support services and junior web development tasks for the company's flagship product, OrthoPulse®, and its accompanying website, online store, and mobile application backend.

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.

UBC Centre for Molecular Medicine and Therapeutics (CMMT), Vancouver, BC — *Co-op Student*

SEPTEMBER 2012 - APRIL 2013

Worked under Principal Investigator in model organism *C. elegans*, researching transcriptional regulatory networks and their effects on longevity, specifically transcriptional repressor *tag-260*.

EDUCATION

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

SEPTEMBER 2009 - MAY 2014

SKILLS

Proficiency in the Python scripting language, including iPython for data analysis and the Django web framework.

Experience with Javascript, HTML5, CSS3, R, Git, and Apache Subversion.

Excellent skills with the Microsoft Office Suite, Apple iWork, and Adobe Creative Suite.

Fast and motivated learner, great teamwork and interpersonal skills.

AWARDS

UBC Dean's Honour List, 2014 – Achieved a standing of A- (80%) or better in the previous winter session

LANGUAGES

Fluent in English, conversational knowledge of Italian, minor knowledge of Japanese.

VOLUNTEER EXPERIENCE

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

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DECEMBER 2014 - PRESENT

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.