Albert Park, BSc, MSc

Year 3, UBC Computer Science (BCS Program)

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TECHNICAL SKILLS

Programming: Python, Java, C++, C

Web: HTML/CSS/Javascript, React, Redux, NodeJS, NoSQL (MongoDB),

SELECTED TECHNICAL PROJECTS

Scheduling Application {Personal Project}

- Coding an application in Java whose goal is to take employee availability data, taking into account weekly variability in availabilities, employee work schedule preferences, and constructing an optimal work schedule from the data.

Gym & Exercise ("Swolr") Application {Course Project}

- Coded using multiple web tools including React/Redux, Meteor, MongoDB, NodeJS, and Heroku for application deployment.
- It allows users to search for gyms and trainers based on preferences, book appointments with trainers, and leave reviews after their training sessions.

Prescription Reminder Web Application {xdHacks 2019}

- In HTML/CSS/Javascript, using Google Firebase for the backend, coded an application that takes user prescription information and e-mails a family member if the user has not taken their prescription.
- Primarily coded the front-end user interface.

EDUCATION

Sept 2018 – Present   University of British Columbia, BCS

Department of Computer Science, Computer Science **(Expected Graduation: April 2020)**

Completed Coursework: Web Programming, Data Structures/Algorithms, Computer Systems, Software Design

May 2016 – April 2018   University of Toronto, MSc

Faculty of Medicine, Department of Physiology, Josselyn Laboratory

Thesis: *Investigating the temporal expression patterns of CREB influencing memory formation*

WORK EXPERIENCE

May 2016 – June 2018   MSc Researcher

The Hospital for Sick Children, Neurosciences & Mental Health, Josselyn Laboratory, Toronto, ON

- Tasked with meticulously employing genetic, surgical, and behavioural techniques to manipulate emotional memories in mice.

SCIENTIFIC PUBLICATIONS

Park, A., Walters, B.J, Park S., Rashid A.J, Kramer E., Woolley A., Frankland P.W., Josselyn S.A. (2019) In-vivo optogenetic activation of the transcription factor CREB enhances memory formation. *Neuropsychopharmacology.* Under review.