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REGINA ARCILLA

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Vancouver, BC, Canada

LANGUAGES AND TECHNOLOGIES

- Swift, JavaScript, HTML/CSS, SQL, Python, Java, Figma
- Xcode, JetBrains IDEs, Git, UIKit, SwiftUI, Django, Symfony

EMPLOYMENT

Web Developer Intern **Kiwi Collection** **Jan 2018 - Sept 2018**

- Made frontend and backend improvements to existing websites.
- Implemented features on internal tools used by Reservation team.
- Improved site accessibility for both desktop and mobile devices.
- Used PHPUnit and Behat frameworks to test and run code.

Undergraduate Teaching Assistant **University of British Columbia** **Jan 2017 - Apr 2017**

- Prepared, conducted, and graded weekly labs for introductory CS course.
- Invigilated and graded midterm exams.

EDUCATION

Bachelor of Science in Computer Science **University of British Columbia Vancouver** **2014 - Nov 2020**

- Coursework: Software Engineering; Relational Databases; Algorithm Design and Analysis; Computer Hardware and Operating Systems; Methods for Human Computer Interaction; iOS Mobile Development

ACADEMIC PROJECTS

Beacon iOS Application **Feb 2020 - Apr 2020**

- Built an iOS app that facilitates short range communication during natural disasters and provides information regarding emergency procedures for various catastrophes.
- Used MultipeerConnectivity and MessageKit frameworks to build the chat feature.

Green Bean Design Project **Jan 2020 - Apr 2020**

- Iteratively designed a mobile interface that aimed to reduce meat consumption through social approaches.
- Developed paper, low-fi, and med-fi prototypes.
- Conducted field studies, cognitive walk-throughs, experiments, and statistical analysis to inform design.

Employee Web Application **Jun 2019**

- Created an online job portal that assists applicants and companies in finding the perfect fit.
- Handled backend logic with Python and wrote dynamic SQL queries for the website's frontend (Django) components.

VOLUNTEER EXPERIENCE

Technical Mentor **Canada Learning Code** **Jan 2018 - May 2018**

- Assisted lead instructors at various beginner programming workshops.

**GIRLsmarts4tech at University of British
Columbia**

Activity Facilitator

Dec 2016 - Feb 2018

- Introduced fundamental computer science concepts to primary school students through a variety of hands-on activities, such as programming and cybersecurity.