


# Angelli Dimatulac

Software Developer | UBC Computer Science

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## Education

**Bachelor of Computer Science @ University of British Columbia**

Expected Graduation: Spring 2021

- ▶ 3.85 GPA, enrolled in the UBC Science Co-op Program
- ▶ Relevant coursework: Data Structures and Algorithms, Software Engineering, Relational Databases, Computer Systems, Data Visualization and Business Analytics

## Technical Skills

**Languages:** JavaScript, TypeScript, HTML, CSS, PHP, Java, C/C++, SQL

**Technologies:** Git, React, Redux, Vue, Node.js, MongoDB, REST services

## Work Experience

**Software Developer Co-op @ TTT Studios**

Sep 2019 – April 2020

- ▶ Designed and developed a proof-of-concept to refactor the Redux implementation of a complex enterprise client application, resulting in more efficient state management and a projected 40% decrease in load time
- ▶ Collaborated with the design team to build several front-end features for a client application dashboard using Vue and Laravel, including map integration, data table sorting and filtering, and smooth user interactions
- ▶ Assisted in the research and development of a design system for administrative portal UI and its React-based component library, which was then integrated into new client projects to improve engineering efficiency

**Marketing Specialist @ Coastal Reign Ltd.**

May 2016 – Aug 2018

- ▶ Conducted research and analysis on customer purchase data and executed the development of relevant marketing content, resulting in an average 200% increase in website traffic during initial campaign runs
- ▶ Developed a systematic workflow for the design and feedback process, improving project turnover by 50%

## Projects

**Nookie:** Companion web application for the Nintendo Switch game Animal Crossing: New Horizons that serves as a guide for in-game features and allows users to keep track of special events and personal collections

**CoHabs:** Responsive web application for organizing and communicating shared household responsibilities such as chores and bills between members in private groups, won UI/UX award at project showcase

**FreeSpot:** IoT solution that maps nearby bike racks on a mobile application and tracks their occupancy in real-time using Arduino-powered ultrasonic sensors, won BCS Hacks 2019: Smart Cities

## Community Involvement

**Technical Mentor @ Canada Learning Code**

Aug 2019 – Present

- ▶ Providing technical support to 15-20 participants in introductory project-based workshops on various technology topics, such as web development and IoT

**Venture Advisor @ Creative Destruction Lab – West**

Sep 2017 – Apr 2018

- ▶ Conducted market research and validation for a start-up building AI-enabled enterprise software, with the resultant report aiding in the development of their high-level marketing plan