Spring Cheng

✉ springyicheng@gmail.com   📞 (778) 956-8416   in /springcheng   ⊙ /spring-cheng

TECHNICAL HIGHLIGHTS

PROGRAMMING — Experience with Python, HTML5, CSS, JavaScript, jQuery, JSON, Node.js, Bootstrap, Express, Version Control, Object-Oriented Programming, Microsoft Office Suite

METHODOLOGIES — Experience with Agile and user-centered development in small teams

EDUCATION

Computer Systems Technology Diploma, British Columbia Institute of Technology   **Jan. 2024 – Dec. 2025**
Key Course Content:
- Web and Mobile Development
- UX/UI
- Testing and debugging
- Systems Analysis and Design

B.A. in Criminology, Law and Society, University of California, UC Irvine   **Sept. 2017 – Dec. 2020**
- School of Social Ecology Dean's Honor List (Year of 2019, 2020)

ACADEMIC PROJECT EXPERIENCE

Autonomous Drone App – "Dronify"   **May 2024**
- Designed and developed an application based on the social norm thirty years from now. Administered surveys & user testing, developed personas and user stories, and designed wireframes.
- Implemented user authorization and authentication in the backend using MongoDB.

Well-being Index App – "Neighbourly"   **Jan. 2024 – Apr. 2024**
- Developed a web app that allows users to gain an overview of the 22 neighbourhoods in the city of Vancouver. Structured using noSQL and programmatically accessed Mapbox API to create a visual representation.
- Worked in a team of three using Agile techniques and presented the final product.

PROFESSIONAL EXPERIENCE

Upwork Enterprise Services   **Mar. 2022 – Jul. 2023**
Independent Contractor with Upwork
- 40-hour/week contract with Upwork Enterprise Services
- Assignment to Data Curation and Localization projects for a key enterprise account of Upwork

FUNDAY English Digital Education Program   **Oct. 2020 – Aug. 2021**
Online Program Instructor
- Designed and taught lessons in conversational English
- Evaluated students' learning results based on the CEFR assessment

Orange County Herald Center   **July 2019 – Jun. 2020**
Program Intern / Mental Health Class Instructor
- Supervised as a Youth Camp Counselor for aged 14-18 Students in the Orange County community
- Taught as a Youth Mental Health Educator in an after-school class for 4 months

International Peer Group, UC Irvine   **Sept. 2018 – Jun. 2019**
Program Mentor
- Mentored international freshman students
- Created a comfortable environment to work with fellow mentors to help provide opportunities for mentees in the program

BookAnyone   **July 2018 – Dec. 2018**
Start-up Tech Company Intern
- Researched marketing methods and maintained the company blog posts
- Organized daily meeting agendas and all action items in order of importance and urgency

RELEVANT COURSEWORK

Computer Systems Technology – Programming Methods   **Jan. 2024 – Apr. 2024**
- Wrote programs using encapsulation, information hiding, message passing, decomposition and testing
- Applied the techniques of decomposition to break a program into smaller modules with well-defined interfaces

Computer Systems Technology – Web Development   **Jan. 2024 – Apr. 2024**
- Applied the standard three-tiered web architecture and designed a web app with that architecture
- Utilized various storage mechanisms on the client-side and server-side for session and app data requirements

Business Analysis and System Design   **Jan. 2024 – Apr. 2024**
- Developed models that can be used to document requirements capture, analysis, design, implementation and test for a software/systems project

EXTRACURRICULAR EXPERIENCE

Women in Computing, BCIT   **Jan. 2024 – Apr. 2024**

- Advocated the club's goal to empower women in a male-dominated industry, promote women in Computing, and connect with female professionals in the Vancouver Tech Industry

BCIT Computing Club   **Jan. 2024 – Apr. 2024**

- Upheld the club's goal to provide a supportive community for those who are interested in learning more about the field and participated in the Computing Club Buddy Program

International Center, UC Irvine   **Sept. 2018 – Dec. 2018**
- Instructed as a Teaching Assistant for a course catered towards international freshmen students
- Coordinated major school club representatives to attend class in a guest panel discussion