TASHI JAIN

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EDUCATION

University of British Columbia, Vancouver   **Expected: May 2022**
Computer Science: Bachelor of Science, Dean's Honor List & Science Scholar   *Cumulative GPA:* 4.00/4.00
Relevant Coursework:
<u>*Completed:*</u> Data Structures & Algorithms, Computer Systems, Software Construction, Linear Algebra, Calculus, Statistics
<u>*Enrolled:*</u> Relational Databases, Computer Hardware & Operating Systems, Computer Vision, Internet Computing, Software Engineering, Entrepreneurship, Intermediate Algorithm Design & Analysis, Machine Learning & Data Mining
<u>*Online Self-learning:*</u> JPMorgan Chase & Co. Virtual internship, Full Stack Web Development (Bootstrap4, React, React Native, Angular, NodeJS, Express, MongoDB), Modern React with Redux, Responsive Web Design, Python specialization, Complete iOS App Development Bootcamp (iOS13 & Swift 5 with SwiftUI), Complete Android Developer course, IoT & Embedded Systems
Honors & Scholarships: Faculty of Science International Student scholarship, International Major Entrance scholarship, J Fred Muir Memorial Scholarship in Science, Rajan Family Award in CS, Trek Excellence scholarship

TECHNICAL SKILLS

Proficient: Java, HTML5, CSS3, Bootstrap4
Intermediate: Git, JavaScript, React, Redux, Python, C++, Assembly
Beginner: Swift, NodeJS**,** Express, MongoDB, SQL, Kotlin, Gulp, Grunt, Sass, LESS, jQuery, C, IoT & Embedded systems

PROJECTS

Restaurant Web Application   **Personal**
React, Redux, Bootstrap4, JavaScript, HTML5, CSS3   *July 2020*
• Developed a single page application using React components and React router
• Incorporated animations in React & React uncontrolled/controlled forms with form validation
• Deployed application including reducers, dispatchers, Redux actions, Redux thunk
• Enabled client-server communication using Fetch and REST API

Personal Website   **Personal**
Bootstrap4, JavaScript, HTML5, CSS3   *July 2020*
• Developed personal website almost from scratch, customizing a template adding relevant sections and styling using Bootstrap.

Tic-Tac-Toe Android game & web application   **Personal**
Android(Java), XML, React, JavaScript, HTML5, CSS3   *June 2020 - July 2020*
• Adapted tic-tac-toe game as an Android and web app with responsive UI and winner declaration algorithms.

To-do List Application   **Individual, University**
Java, Software construction course   *Dec 2019*
• Developed based on composite, observer, iterator design patterns using principles of coupling, cohesion, single responsibility.

WORK EXPERIENCE

University of British Columbia (UBC)   **Vancouver, BC**
Undergraduate Computer Science Teaching Assistant & Course Developer   *Jan 2019 - Jan 2020*
• 1 of only 3 first year teaching assistants selected by professor for introductory CS course at UBC.
• Executed multiple weekly 3 hours labs of about 30 students each.
• Graded midterms, final exams, and assignments in a timely manner.
• Collaborated with teaching team to suggest techniques for effective learning.
• Mentored students to design, implement, test, debug code, and provided constructive feedback.
• Streamlined office hours switching between one-to-one and group interactions.
• Build an inclusive environment for open discussions and learning.

LEADERSHIP & ACTIVITIES

UBC Women in Computer Science (UBC WiCS)   **Vancouver, BC**
Founder & President   *Sept 2019 - May 2020*
• Built organization structure for 2019-2020 and 2020-2021 academic years.
• Led executive team of 12 members to promote interactions on professional, social, and academic levels.
• Allocated $2000 budget to organize biweekly social, networking, and career events on-campus.
• Established UBC WiCS as an affiliation group with UBC's Computer Science department.
• Marketed UBC WiCS through events, social platforms & WiCS website.

UBC Committee for Outreach, Diversity, and Equity (CODE)   **Vancouver, BC**
UBC WiCS Representative   *Sept 2019 - May 2020*
• Attended biweekly diversity & inclusion meetings.
• Pitched ideas for inclusion and diversity initiatives for broader CS community.