YUREE JANG

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ubc science co-op

YEAR 4, COMPUTER SCIENCE MAJOR
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TECHNICAL SKILLS

- ***Programming****: Java, C++, C, C#, HTML5, CSS, JavaScript/TypeScript, GLSL, Node.js, ESLint, Three.js, axios
- ***Others****: Git, Github, BitBucket, IntelliJ, JIRA, Linux, WebStorm, React/ Redux, Yarn, VS Code, Bootstrap
- ***Testing and UI/UX****: JUnit, Mocha, Chai, Adobe Photoshop, Adobe Premiere Pro, Figma

WORK EXPERIENCE

Jr Full Stack Software Developer (Co-op), *Atomic47 Labs*, Kelowna   *June –Aug 2020*
- Used React frontend and Laravel backend to implement new fullstack features, bug fixes, and feature enhancements, and became familiar with backend data migrations/ database seeding/ connecting frontend requests with backend API calls
- Worked on LODE team, which is a cryptocurrency app

QA / Software Developer (Co-op), *Connected Displays Inc.*, Vancouver   *Sep – Dec 2019*
- QA tested medical web and mobile apps, using Agile methodologies
- Used React and JavaScript for front-end development of the web application, and trained a chat bot to recognize intent by natural language processing using TensorFlow

TECHNICAL PROJECTS

ThinkSmall App   *May 2020 – August 2020*
- Platform to connect with small business owners and volunteers
- Frontend: React/Redux, Backend: Node.js/Express to develop a website and API with auth0 authentication

insightUBC App (Academic)   *Jan 2020 – April 2020*
- Designing an engine that performs tasks required to run the university and queries campus metadata, including courses, prerequisites, past course averages, etc.
- Engaging in Full stack development (pair programming) using TDD divided into four sprints, each lasting 2-3 weeks using design SE design principles
- Did server-side development in the first three sprints using TypeScript, Node, and client-side using SDLC best practices (RESTful and SOLID design principles, detecting and refactoring code smells) in fourth sprint
- Used Mocha framework and Chai library for writing test suites

Pomodoro Task Manager App (Academic)   *Jan – Apr 2019*
- Developed Task manager app in Java using IntelliJ as environment using control flow models, data abstraction, type hierarchies, design of robust classes, JSON parsing, OOP design patterns

TimeBubble Java App (Cmd-f First All-Women's Hackathon)   *Mar 2019*
- Developed a Tubble ("Time Bubble") visual time management Java application targeted for university students created through object-oriented design principles
- Coded back-end in Java and used SceneBuilder in combination with JavaFX to build GUI. Applied object-oriented design principles and JSON parsing to add persistence

Machine Learning and AR Python Application (Rogers 5G Edge Challenge Hackathon)   *Oct 2019*
- Developed bRAD: Your Virtual Rehabilitation Assistant, to increase accessibility with reduced cost of physical rehabilitation, as well as to shift the control of rehabilitation to the patients using machine learning concepts
- Team placed 2nd out of 10 teams and each member awarded Rogers internships

EDUCATION & AWARDS

Bachelor of Computer Science, University of British Columbia, Vancouver   *Sep 2018 – May 2021*

BSc (Microbiology and Immunology), University of British Columbia, Vancouver   *Sep 2011 – May 2016*
- UBC President's Entrance Scholarship, awarded for academic excellence (minimum 96% admission average)