Nicholas Fong

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EDUCATION

University of British Columbia   Vancouver, B.C.
Combined Major in Business and Computer Science   *Sep. 2021 – Present*
- **Key Courses** (Grade, Class Average): Software Construction (83%, 78%), Computation, Programs, and Programming (80%, 70%), Introduction to Quantitative Decision Making (82%, 75%)

EXPERIENCE

Full Stack Software Developer Intern   June 2023 – Present
Binggrae   *Vancouver, B.C.*
- Contributed to the creation of an e-commerce platform tailored to cater to the young adult age demographic while showcasing and marketing frozen goods to a potential customer base exceeding 700,000
- Created and deployed a MongoDB cloud database, to keep track of newsletter sign-ups and subscriber data for a digital marketing campaign, implementing data encryption to safeguard sensitive user information
- Implemented over 20 components using React, leveraging design systems and UI libraries to enhance consistency, code re-usability, and streamline the development process

Student Director of Technology   May 2023 – Present
University of British Columbia Campus Ambassador Program   *Vancouver, B.C.*
- Led UI design team by modeling and implementing high-fidelity mock-ups, using prototyping tools, and collaborating with cross-functional teams to deliver intuitive and visually appealing user interfaces
- Designed and implemented various features on the website including Stripe payment processing to ensure secure transactions and a contact system to schedule presentations and communicate with students
- Conducted regular maintenance and updates on the website to ensure optimal functionality, security, and user experience

Transborder Agent   Mar 2021 – Sep 2022
Bolloré Logistics   *Vancouver, B.C.*
- Increased new hire training efficiency by 20% through collaborating with managers to create adaptable and straightforward training modules with Microsoft Excel
- Managed 300+ client shipments over a one-month period by organizing cross-Canada freight shipment pickup and deliveries, preparing bills, and facilitating claims for insurance companies
- Exhibited strong communication skills by providing timely shipment updates to customers and maintaining positive relationships with stakeholders

PROJECTS

Daily Boost | *React, Express, Tailwind, MongoDB, Git, FireBase*   April 2023 – June 2023
- Developed a full-stack web application to encourage users to have a social and active lifestyle through community building, using React.js front-end, Node.js as the REST API, and MongoDB as the database
- Created and deployed a MongoDB database for the project, designing and implementing the database schema to efficiently store and retrieve data, and optimizing query performance in MQL for faster data access
- Implemented a secure authentication system with data persistence and session management capabilities
- Utilized Git and GitHub for version control, collaborating with team members on code changes, and managing project branches, resulting in streamlined development processes and improved code quality

Business Analysis App | *Java*   Sept 2022 – Dec 2022
- Built a Java application to inform investment decisions for small businesses by analyzing product performance through the frequency of stock purchase, selling price, and acquisition cost
- Implemented a save and load system utilizing JSON and JSON Parser
- Created a dynamic GUI for users to input data and view product performance utilizing Java Swing

TECHNICAL SKILLS

Languages: Java, C, C++, JavaScript, HTML/CSS, R, Python, SQL
Frameworks: React, Express, MongoDB, Tailwind
Developer Tools: Git, Docker, VS Code, Visual Studio Code, IntelliJ, WordPress, Jira
Interests: Hackathons, Case competitions, Taekwondo, Cooking