

KYLE RICH

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EDUCATION

Computer Science and Business Combined Major, University of British Columbia Completion: May 2023

- 3rd year undergraduate student; 93.2% cumulative average; top 0.5% of his year (3rd / 841 students)
- Key Courses (% , class avg): Algorithms and Data Structures (93%, 82%), Software Construction (99%, 80%), Computations and Programming (98%, 75%), Applications of Statistics (92%, 78%), Logistics Operations Management (100%, 79%)
- Dean's Honor List, Trek Excellence Scholarship (x3), Sauder School of Business Scholarship, John M S Lecky Foundation Award, Naomi Grigg Scholarship

WORK EXPERIENCE

Traction on Demand May 2021 – Dec 2021

Business Solutions Consultant, Vancouver, BC

- Maintained a client retention rate of 100% resulting in the generation of over \$100,000 in contract revenue by proactively communicating, implementing innovative solutions, and exceeding client expectations
- Reduced lead response time for a client by over 50% by developing a custom lead routing automation that routed leads to different salespeople according to zip code and lead scoring metrics
- Increased team morale by proposing and organizing an all-day team building event with a budget of \$10,000
- Saved my team over 30 hours per week by deriving, implementing, and maintaining a new daily stand-up structure according to collected feedback and best practices

University of British Columbia

Jan 2021 – May 2021

Computer Science Teaching Assistant, Vancouver, BC

- Taught laboratories with over 20 students, guiding them towards completion of complex programming problems
- Achieved a 100% satisfaction rating across the 33 student survey respondents, compared with an average of 77%

LEADERSHIP EXPERIENCE

Microsoft Beta Ambassador, Microsoft Student Ambassador Program, Vancouver, BC Dec 2020 – Current

- Collaborating with campus clubs and organizations to run workshops and events – increasing the community's accessibility to technology and fostering passion for pursuing developer skills

Academic Competitor, ThinkTECH 2021, Vancouver, BC

Nov 2021 – Dec 2021

- Placement: 1st/15 teams
- Directed technical analysis, recommendations, and implementation to help Vancity enter the open banking space, improve competitive positioning, and drive value for members
- Prototyped a fully integrated open banking platform for Vancity members by leveraging the industry standard Plaid API

TECHNICAL PROJECTS

DevSocial, Personal Project, <https://github.com/kyledvrich/DevSocial> May 2021 – July 2021

- Developed a social media web application with customizable profiles and posting, commenting, and liking functionality
- Built an extensive backend API with Node.js and Express, integrated React, and used MongoDB; tested API with Postman; protected routes and endpoints with JWT; used Redux for app state management and tested with Redux DevTools

Dark Mode To-do App, School Project, <https://github.com/kyledvrich/Dark-Mode-Todo-App>

Oct 2020 – Nov 2020

- Developed a to-do app in Java that allows users to input and organize their tasks based on properties like due date, completion, priority, and task category, while also allowing them to save, autosave, and load their tasks from a file
- Organized tasks into a HashMap for O(1) retrieval; stored data in an external file using a JSON API; assured class cohesion and low coupling; implemented Java Swing UI using MVC structure; used JUnit testing framework to test code

TECHNICAL SKILLS

Languages: Java | C++ | C | JavaScript | TypeScript | CSS | HTML | Apex

Technologies: React | Node.js | Redux | MongoDB | REST | Bootstrap | Docker | Git | JUnit | Tableau | Excel | R