Richard Chen

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TECHNICAL SKILLS

Programming Languages:	Java, Dart, C++, JavaScript, Python
Databases & Frameworks:	Node.js, React, Firebase, Flutter
Others:	JUnit, Git

SOFTWARE PROJECTS

Discord Hackathon Bot (Repo)   Dec 2020

Technologies: Node.js, Discord.js, Discord API, Firebase Real-time Database
- Created a Discord bot that enables the creation of hackathon teams and basic team management functions
- Used Firebase's Real-time Database to store and retrieve hackathon details, teams, and team member information

Billable Hour Tracker (Repo)   Nov 2020

Technologies: Java Swing
- Created a billable hour time tracker for professionals enabling the creation of clients, billing categories, and time entries
- Implemented data persistence in local JSON files that can be saved to and loaded on command through Java Swing UI

HACKATHONS

AuditApp - Hack the North 2021 (Devpost)

Technologies: MongoDB, Express.js, React.js, Node.js, Google Cloud Document AI API, Google Cloud Storage API
- Created a platform for financial auditors to manage requests for documentation from their clients
- Integrated the Google Cloud Document AI and Storage API's into the Node.js backend
- Implemented the logic for parsing relevant financial information from invoices, and fetching & storing documents in the cloud

Workmate - HackCamp 2020 (Devpost)

Technologies: React, Node.js, Bootstrap, Tachyons
- Built a platform intended to foster employee relations through charitable group activities or other social events
- Developed the employee profile page enabling text input, and integrated the navbar to facilitate navigation to other pages

Clustering & Sentiment Analysis - CodeML 2020 (Kaggle)

Technologies: Python NLTK, scikit-learn, pandas
- Placed 2nd in the Sentiment Analysis Challenge - Performed sentiment analysis on movie reviews using supervised machine learning (Naïve Bayes Classifier) to classify if a review was positive or negative

EXPERIENCE

Vice-President, **Bachelor of Computer Science Student Association**   Jan 2021 – Present
- Organizing social and career development events for BCS students in connection with alumni & employers
- Successfully planned a hackathon for BCS students with $4,000 in prizes and ~70 registrants

Assurance Associate / Digital Accelerator, **PwC Canada**   Sep 2018 – Mar 2020
- Used Alteryx & Tableau to automate repetitive tasks processing, and visualizing multiple fiscal years' worth of financial data
- Assessed financial statements of multi-million dollar companies for compliance with GAAP (IFRS & ASPE)

EDUCATION

Bachelor of Computer Science, 3rd Year,   Expected Graduation Apr 2023
   The University of British Columbia, Vancouver, BC

Bachelor of Commerce (Accounting), Minor in Management Information Systems   Sep 2013 – May 2018
   The University of Alberta, Edmonton, AB

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