BELAL KOURKMAS

SOFTWARE DEVELOPER WITH 3 YEARS OF EXPERIENCE — VANCOUVER, BC

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TECHNICAL SKILLS

Languages: Python, Java, TypeScript, JavaScript, C, C++, HTML, CSS, Kotlin
Frameworks: React.js, Redux, Django REST Framework, Node.js, Express.js, Tailwind CSS, Bootstrap, Material-UI
Skills: REST APIs, AWS, NoSQL, Git, Visual Studio Code, Windows, Ubuntu, Babel, npm, UI/UX Design, Agile/Scrum

EDUCATION

British Columbia Institute of Technology   September 2021 – December 2023
Computer Systems Technology GPA: 4.0   *Vancouver, BC*

RELEVANT COURSEWORK

- Object-Oriented (OOP)
- Programming Methods
- Algorithms Analysis
- Web Development
- Relational Database
- Android Mobile Dev
- Cloud Computing
- Computer Architecture
- Procedural Programming
- Applied Mathematics
- Probability and Statistics
- Projects

EXPERIENCE

Clarius Mobile Health   May 2022 – January 2023
Software Developer Intern   *Burnaby, BC*
- Enabled CI/CD automatic violation testing on GitHub Actions by comprehensively resolving over 1500 linter violations, which streamlined code review processes, prevented future avoidable bugs, and ensured consistent and readable code.
- Implemented 100% unit testing coverage for a new logging system, as well as unit tests for various other features.
- Resolved front end bugs causing bad database entries by implementing generic form validation for invalid and empty fields, and corrected up to 50,000 bad entries in a PostgreSQL database.
- Reduced technical debt, improved code clarity, and optimized runtime by resolving all violations related to system, naming, complexity, consistency, best practices, refactoring, and OOP across diverse features and code written by multiple developers.

BCIT CST Programming Methods Course   January 2021 – May 2021
Teacher's Assistant   *Vancouver, BC*
- Evaluated students' coding assignments, focusing on conciseness, and provided constructive feedback.
- Aided students in debugging, resolving code issues, and suggested best practices for optimal performance.

PROJECTS

Anon Images | *Full Stack, React, Tailwind CSS, Express.js, Node.js, Linux, AWS EC2, S3, DynamoDB, Route53*
- Developed a full stack image sharing web application using React for the front end and Express/Node for the back end.
- Utilized Ubuntu, PM2, and Apache to host both front end and back end on AWS. https://belalk.xyz
- Built front end with React, Tailwind CSS, and back end with Express, integrated AWS EC2, S3, Route 53, and DynamoDB.

Snack Overflow | *React, Express.js, Node.js, MongoDB, Socket IO, Responsive Web Design, UI/UX Design*
- Created a mobile-friendly web app using React for the front end and Express.js, Node.js for the back end to allow users to read/create/update/delete snack sharing posts in real time to MongoDB.
- Implemented a chat system using Socket.io so users could communicate snack sharing meetup locations.
- Collaborated in a team of 3 to create a fully functional web app for the 2022 SAP Hackathon in 24 hours.
- Designed a front end using React with a custom CSS library, worked to implement MongoDB, and create a back end API

Animal Hustler | *Java, JavaFX, FXGL, Documentation, Planning, Object-Oriented Design, Cooperation, UML, Agile*
- Used object-oriented programming methodology to create a fun and complete Java game that earned 100%.
- Designed a game using UML diagrams, and cooperatively worked with a partner to ship out features, like a MySQL login.

PokeAPI Pokedex | *Python, RESTful APIs, Design Patterns, OOP, Documentation*
- Created a Pokedex that uses RESTful API calls to display Pokemon, Stats, Abilities, and Skills from user input.
- Used design patterns such as Chain of Responsibility, and Factories to organize code in an industry standard way.

DeskBuddy | *JavaScript, HTML5, CSS3, Bootstrap, jQuery, Git, Agile, Firebase, Trello, Scrum, Web Accessibility, Figma*
- Created a mobile-first app that supports mental health by reminding users to take regular breaks during workdays.
- Collaborated with two teammates to create a mobile-friendly UI/UX front end and a back end using Firebase CRUD.

Modern React with Redux 2023 | *React.js, Redux, APIs, Express, Node.js, Tailwind CSS, RESTful APIs, JSON*
- Created numerous React projects using HTML5, CSS3, Tailwind CSS, JSX, JavaScript ES6/ES2015, APIs, reusable components, data persistence, hooks, and routing.
- Learned the ins and outs of the toolchain supporting React, including npm, Webpack, Babel, and ES6/ES2015.
- Mastered core concepts of React, Redux, and building RESTful APIs with Express and Node.js.