

Elena Jou

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SKILLS

Languages:	JavaScript, Java, HTML/CSS, C, C#, SQL
Frameworks:	ExpressJS, JUnit, React
Developer Tools:	Eclipse, Firebase, Git, GitHub, VS Code, TortoiseSVN, SQL Server, Visual Studio

INTERNSHIPS

Software Developer Co-op Tidalis C#/SQL/TortoiseSVN	May 2024 – Present Burnaby, BC
<ul style="list-style-type: none">Collaborated with developers to build a system that currently processes over \$7 billion in port revenue.Developed software solutions tailored to the specifications of various high-traffic port workflows.Improved development efficiency by writing scripts to automatically generate large datasets for testing within seconds, optimizing a process that usually took over 20 minutes per case.Designed and programmed over 40 fee configuration items compliant with customer requirements and maritime regulations, responsible for complex billing calculations and validations.	

PROJECTS

Mobile Wedding E-invite personal isaypuy.web.app React/CSS/Firebase/JSX	Aug. 2024 – Sep. 2024
<ul style="list-style-type: none">Developed an interactive mobile invite system that served over 70 customized Spanish invitations.Created modular, elegant and interactive UI components.Implemented Firestore to extract guest information and trigger custom behaviors (to view an example use +1(647)704-2430 as input).	
Typing Turtle personal elenajou.github.io/typing-turtle React/JSX/GitHub Pages	
<ul style="list-style-type: none">Built a dynamic web application for typing practice, with a focus on seamless interactivity.Created an engaging, tactile experience by maintaining dynamically updated state on user input.Utilized GitHub Pages for deployment and hosting for ease of access.	
GrocerEase academic bby02-grocerease.web.app HTML/CSS/NodeJS/Firebase/Javascript	Sept. 2023 – Oct. 2023
<ul style="list-style-type: none">Developed an application that auto generates a grocery list based on the users' favorite recipes.Designed and built intuitive, interactive components and interfaces.Created a robust database schema, alongside a layer of authentication, for storing lists and recipes	

WORK EXPERIENCE

Applications Engineering Specialist Avidbots Corp.	Jul. 2021 – Nov. 2022 Kitchener, ON
<ul style="list-style-type: none">Assisted the support team by troubleshooting hardware and software malfunctions on active robots at different facilities.	

EDUCATION

British Columbia Institute of Technology, 3.7 GPA (90%) Computer Systems Technology Diploma, Co-operative Program	2023 – Present Burnaby, BC
University of Waterloo Bachelors of Applied Sciences in Mechanical Engineering, Co-operative Program	