BENJAMIN CRITOPH

Software Developer

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🔗 https://github.com/BenDaBeast22/ in https://www.linkedin.com/in/benjamin-critoph/

🌐 https://ben-critoph-portfolio.vercel.app/

Work Experience

Software Developer, Brock Solutions | May 2022 - Sept 2022

- Worked with a team to update the airport baggage sortation system at Kahului Airport to the newest version
- Used SQL in SSMS to configure the new databases for the updated sortation system
- Customize and tested the factory acceptance plan for the updated baggage sortation system
- Presented part of the factory acceptance plan to the clients

Junior Developer, Hatch Ltd | Sept 2021 - Dec 2021

- Worked in an Agile team using the scrum methodology to complete backlogs in the agreed amount of time
- Worked on various web apps using Angular and C#
- Implemented a static code analysis tool called Checkmarx to the QA pipelines in Azure DevOps
- Participated in technical activities with the team such as sprint planning, deploying applications, writing documentation and performing project demos

Personal Projects

Collection Listing Website | March 2023

- Created a responsive CRUD website with React and Material UI to organize bookmarks, create personalized lists and store image galleries
- Users can add friends and share their collections with them
- Used Firebase for user authentication, data storage and security rules
- Hosted the website using Firebase (*https://favevault-35283.web.app/bookmarks*)

Multiplayer Chess Game | Dec 2022

- Used React to create a responsive multiplayer chess game
- Used web sockets (Socket.io) to make the game multiplayer and to add chat and video call functionality
- Hosted the website using render.com (*https://multiplayer-chess.onrender.com*)

Technical Skills

Languages: JavaScript, C, C#, Python, Java, SQL, HTML, CSS

Frontend: React, Angular, Express, Next.js, Material UI, Bootstrap, Tailwind CSS

Backend: Node.js, Firebase, MongoDB, Mongoose, SQL, Swing

Version Control: Azure DevOps, GitHub, GitLab

Other Skills: Agile, Responsive Design, Restful Routing, Microsoft Excel

Education

Bachelor of Computing, Comp Sci Co-op | 2019 - Present

University of Guelph

- 84 % GPA (Currently in 4th year)
- Area of Application in Philosophy

Academic Projects

GPX File Viewer | 2021

- Created a website to view GPX data
- Used HTML, CSS and JavaScript to create the website frontend
- Used C to build a dynamic library for parsing GPX files
- Used JQuery and Ajax to communicate with Node.js (Express) backend

Extra Work Experience

PPL Group Lifeguard | Summer 2019

- Responsible for maintenance and lifeguarding of multiple private pools

Kidstown Lifeguard | Summer 2018

- Cooperated with a team of 8 lifeguards to ensure the safety of the clients