

SHAWN GU

Bachelor of Computer Science, 4th Year
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TECHNICAL SKILLS

Languages & Frameworks:

Spring Boot, Angular, React & Redux, NodeJS & Express,, Java, Bootstrap, SQL, NoSQL, C, C++

Softwares & Tools:

MySQL, Git, Postman, JIRA, TeamForge, Postres, Docker, MongoDB

WORK EXPERIENCE

Software Test Engineer - Co-op, NETGEAR

Sep 2021 - Apr 2022

- Executed manual and automated tests on hardware and software based on customer requirements
- Created automation scripts based on manual test cases with C or Python
- Wrote detailed bug reports for software defects in functionalities and hardware discovered during testing
- Assisted development teams with troubleshooting customer or field issues
- Analyzed software defects and verified bug fixes, and possibly provided solutions to the develop team
- Developed and maintained automated test tools and created test plans and wrote test reports
- Operated various lab equipments for testing and analyzing, such as QA Cafe, Anritsu call box, etc

Graphic Designer, North East Medical Services

Aug 2018 - Jun 2021

- Worked on 5% front end with JavaScript, HTML/CSS, and 10% web design with a software engineer team
- 85% design printing materials and digital materials with Photoshop, Illustrator, Premiere Pro, and After Effect

TECHNICAL PROJECT BRIEF

GO-TRAVEL! Full Stack Application (Academic - team)

May 2022 - Aug 2022

Technology used: {React & Redux, Node.js & Express, HTML/CSS, MongoDB, Google Map API}

- Developed an end-to-end web-based application that allows people to share travel experiences on a map with frontend, backend, and database.
- Designed all visuals of the webpage.
- Integrated the back-end with Node.js and Express and the database with MongoDB
- Created the front-end with React and Redux.

E-commerce Full Stack Application (Personal)

Jan 2022 - Apr 2022

Technology used: {Spring Boot, Angular.js, Bootstrap, MySQL, Stripe API, Okta API}

- Developed a Single-Page-Application for a fully functioning e-commerce web application with payment service using Stripe API to process credit card
- Designed a shopping cart with Angular frontend and Spring Boot backend integration
- Integrated a Spring Boot back-end using REST APIs and MySQL database
- Included login user and order history function using Okta API to allow users to persist shopping cart, make purchases, and track orders

BCS Hackathon - Friendly Neighbor Application (Hackathon - team)

Mar 2022

Technology used: {React.js, Bootstrap, Google Map API}

- Won 5th place in the hackathon
- The project was aiming to create a Facebook Marketplace alike web app that allows people to post requests to others within the same physical area
- The project is built with React.js and uses Google Map API to display locations

EDUCATION

Bachelor of Computer Science (Grade: A)

Expected Graduation: April 2023

The University of British Columbia

Bachelor of Art - Graphic Design (Grade: A)

Graduated: May 2017

San Jose State University