

NISHANT SRINIVASAN

[nishant.srinivasan236@gmail](mailto:nishant.srinivasan236@gmail.com) | nishant-sr.xyz | in/nishant-sr | [github/nishant-sr](https://github.com/nishant-sr)

EDUCATION

University of British Columbia, BSc. Computer Science

12/2024

- ❖ Software Engineering, Object-Oriented Programming, Databases, Data Structures & Algorithms, Parallel Computing, Operating Systems, Machine Learning, Data Science
- ❖ Dean's List 2021/22, Orientation Leader 2020-21

EXPERIENCE

CentralSquare Technologies, Software Developer Intern 9/2022 – 4/2023, 5/2024 - 8/2024

- ❖ Using the ASP.NET Core framework to develop and debug features on CentralSquare's PropertyTax, supporting users in over 12 different client municipalities
- ❖ Feature development using C#, ASP.NET, .NET Core MVC, REST API
- ❖ Ensured code quality by using xUnit to create automated tests, writing SQL scripts
- ❖ Collaborated across the full software development life cycle, code reviews, troubleshooting, and regular stakeholder demos

Quorum Software, Software Developer Intern

5/2022 – 8/2022

- ❖ Worked in Agile Development to develop and update an enterprise software supporting capital planning, authorization management, and operational management for projects in oil and gas
- ❖ Migrated the front-end codebase from outdated Angular.js and HTML & CSS to React.js
- ❖ Reduced the number of legacy code libraries and contributed to security posture hardening for over 75,000 users across 100+ companies

PROJECTS

PrairieLearn - Capstone Project

- ❖ Led a team of 4 to integrate key functionalities from four distinct, professionally maintained software systems into a single cohesive system end-to-end, and improving user efficiency by 50%
- ❖ Designed, developed and integrated an autograder to evaluate SQL input and outputs using Python to replace manual grading processes and handle up to 300+ simultaneous student inputs
- ❖ Implemented secure cross-verification of outputs in front and back-end databases
- ❖ Fully implemented integrated test suite using Python's Unittest, Selenium for UI tests, Locust for performance testing, and Drone CI/CD and achieved 95% coverage using over 300 test files

ShrugBook (nwHacks 2022) - Google Chrome Extension

- ❖ Developed a Google chrome extension that automates organization of all assignments from Canvas onto ToDoist instantly using Javascript, Canvas REST API, and ToDoist API
- ❖ Saves users countless hours of redundant and manual data-entry instantly with 100% accuracy
- ❖ Received 5/5 rating for Functionality and Pitch-Impact from 40+ competitors

The Dream Team - E-Commerce Web Application

- ❖ Full stack web application that allows online shopping for sports jerseys of all teams and leagues
- ❖ Designed a relational database with multiple relations that use the identity function using MySQL
- ❖ Used the JDBC API to support CRUD operations, processes orders, support user authentication

SKILLS

Languages: Python, C, Java, C/C++, C#, SQL, Javascript, React.js, PHP, R

Tools: Git, Docker, Selenium, Azure DevOps, JIRA, Node, .NET