

SHUSEN SHRESTHA

Employment

Western University

Research Assistant

Summer 2018

- Developed a Single Sign-On application using Blockchain technology
- Created smart contracts using Solidity
- Created a class diagram, flow diagram, and documentation to show relationships between the web application and smart contracts
- Tested smart contracts using Solidity and Mocha framework

Projects

Point of Sale System

Summer 2017

- Developed a C# application that allows the admin to get and update information from an SQL database
- Allows the cashier to perform transactions with information from the database and create purchase records
- Created documentation showing relationships between database tables using Microsoft Visio

Foodify App Hack Western

Fall 2017

- Used IBM Watson Visual Recognition API to identify a dish and Edamam Nutrition API to find recipes for it
- Created the UI for the app on Android Studio

Photograph Sharing Service

Fall 2017

- Developed a social networking application similar to Instagram
- Users can share, buy and sell photographs online
- Documented the project using Requirement specifications, Entity Relationship models, and normalized relational database schemas
- Worked on creating complex SQL queries in the backend

User Registration Page

Fall 2017

- Independently developed web-app that registers user and allows them to login to the website
- Created using MEAN stack (Mongodb, Express, Angular, Node.js)

Programming Experience

- Completed Full-Stack development of an interactive webpage using MEAN stack
- Use SQL to create scripts for generating data and loading into databases
- Produced and presented relational database schema, entity relationship models, use case and other UML diagrams to explain complex software designs
- Experience with Git; utilizing stories, tasks, subtasks and version control to maintain cohesion in a team

Contact

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in www.linkedin.com/in/shusen-shrestha

Education

Western University

Bachelor of Engineering Science,
Software Engineering 2019

Skills

C#

SQL

Java

Angular

Solidity

C++

HTML/CSS

JavaScript

UML

Vue

Visual Basic

Microsoft Office