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OBJECTIVES

A Computer Programming student seeks **a Web Developer** where my web development skill will meet company and clients' needs and exceed their expectation.

EDUCATION

Computer Programming & Analysis – Seneca College   Sep 2021 – Present
Coursework: OOP programming (C and C++), Oracle SQL, Cloud Computing, Linux/Unix commands and Web Development. GPA: 3.9/4.0

TECHNICAL SKILLS

- **JavaScript (Typescript), C++ (.net),** C, Python
- **Web Development**: HTML, CSS, Bootstrap, TailwindCSS, Angular, ReactJS, NextJS , Redux, NodeJS,ExpressJS, Flask, Firebase, RESTful API,
- **Storage**: MongoDB, PostgreSQL, MySQL, OracleSQL, Firebase
- **Software Tools**: Visual Studio, Visual Studio Code, MongoDB Atlas, PostgreSQL Admin, Oracle SQL Developer
- **Operating Systems**: Windows, Linux/Unix
- **Automation Test**: xUnit (.net), Jasmine (Angular)
- **Web Hosting**: Heroku, Github Pages, Vercel, Firebase, Netlify

WORK EXPERIENCE

System Developer (Co-op)   HOOPP   Sep 2022 – April 2023
- Codes along with a senior front-end developer to develop an interface for a termination system that has terminated over 100 members virtually
- Creates unit tests for front-end using Jasmine that covers up to 75% code coverage as Azure DevOps
- Sets up back-end unit testing and integrates to Azure DevOps pipelines
- Creates over 70 unit test cases to make sure a project using XpertDoc library will generate correct documentation for each individual and different pension plan

PERSONAL PROJECTS COMPLETED

Peer Tutor, built by PostgreSQL, ExpressJS, ReactJS, Redux, NodeJS and Bootstrap   May 2022
- A fully functioning front-end and back-end website that allows a student to book a daily or a monthly meeting and leave a review with a peer tutor
- Implements an authorized system that has 3 different roles (admin, tutor, and student) and only allows authorized users to access specific pages by using JWT token
- Creates a RESTful API application to connect client and server in exchanging users, tutors, reviews, and meetings information.
- Generates a forgotten password email (included token to verify user) and send to user by using NodeMailer

Fire Message, built by ReactJS, Redux, Firebase and TailwindCSS   Mar 2022
- A message app that allows users to send or create a new message to other users by using Firebase Realtime database
- Implements a login system by using Firebase Auth

- Creates a database structure to distinguish each meeting, users, message, but also connect 2 users to the same meeting, connect message to its owner and its belonged meet

Jane Store, built by ExpressJS, MongoDB, EJS and Bootstrap   Mar 2022
- Builds a system to record a cart and track orders for each customer via token by using ExpressJS session
- Implements an admin system to update status for each order. Using password to authorize admin
- Configures a PayPal system for payment

Blackjack React, built by ReactJS, React Context and CSS Module   Jan 2022
- A mini blackjack game that allows user to compete with the computer
- Establishes interaction of user (deal, hit and stand), a logic system to calculate points (cover 3 different cases of an ace card) and all possibilities of win, lose or tie case by using solely React Context

Web Storage, built by Flask, EJS, MySQL and Bootstrap   Dec 2021
- A CRUD (create, read, update, and delete) application that allows user can create and keep track of users developing web ideas
- Configs an authorized system that users can only access to their own projects by using session.

SCHOOL PROJECT COMPLETED
Emergency Aid Management – OOP244, built by C++   Mar 2022
- An application manages the list of items need to be shipped, quantity of each item needed, number of items on hand, shipping and storing data in a file for future use
- Implements an OOP application that included Aidman module for the UI application, iProduct abstract class to divide product into two categories: Non-Perishable products (Item module) and Perishable products (Perishable module). Helpers' classes such as Date module to get current date, Menu module to display a menu.

CERTIFICATIONS & AWARDS
Microsoft Certified: Azure Fundamentals   June 2021
Seneca Hackathon sustainability 2022 - TDSB category winner   February 2022

VOLUNTEER EXPERIENCE
Web Developer   Seneca VAS   Sep 2021 – Jun 2022
- Works with team leader to create a review web-based application that allows Vietnamese students to read, create a review to subjects, or professors in Seneca
- Collaborates with 2 other team members to maintain and update the VAS website group

LANGUAGES
- Fluent in written and spoken Vietnamese