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Felix (Xin Song) Zhang

About Me

Highly motivated professional with experiences and a passion for technology seeking new challenges in web-based development through engaged critical thinking, detailed analysis and structured problem solving.

Education

Computer Programming & Analysis Advanced Diploma   **2017-Present**

Seneca College - Toronto, Ontario

- Relevant Courses: C/C++, Linux, Web Development. Software development using objective-oriented approach.
- 4.0/4.0 Cumulative GPA - President's Honour List

Technical Skills

Programming Languages: C, C++, Python, Swift and bash shell scripting.

Web Development/Frameworks: HTML5, CSS3, Javascript, XML, Typescript, JSON, Node.js, Angular6, Express.js, MongoDB, Bootstrap, jQuery and RESTful.

Database Technology: PostgreSQL, MySQL, DB2/400, Oracle SQL Developer and IBM iSeries.

Softwares: Adobe Photoshop, Microsoft Office, Windows OS, Linux OS, Ubuntu and Mac OS.

IDEs and Editors: Xcode, Microsoft Visual Studio, Visual StudioCode, Atom and WebStorm.

Solid Understanding of the SDLC and UML: Applied Agile and Waterfall software development methodologies when developing web applications.

Cloud and Version Control Systems: Heroku, Google App Engine, Git and GitHub.

Technical Writing: Well-versed in writing professional documentations.

Technical Projects

Web Application Development (Cross-platform)   **2018-Present**

- Integrated the Agile software development approach to create a web application that serves as a social media platform for people who are into fitness.
- Provides real time user reviews as well as information sharing for people looking to improve themselves physically.
- Built using MEAN stack framework with specific focus on Angular6.

Personal Online Portfolio   **2018**

- Single page application built using HTML5, CSS3, Bootstrap and jQuery.
- Integrated external knowledge to create a visually appealing and easy to navigate website containing relevant personal information.

GitHub Repository Search   2018

- Custom-made GitHub repository search engine built using client side web technologies.
- Utilized GitHub REST API(v3) to generate data.

Aid Management Application (AMA)   2018

- Utilized C++ to create an application that stores, tracks and categorizes perishable and non-perishable items.
- Applied object-oriented programming concept to improve program readability and functionality.

Database Optimization Capstone Project   2018

- Designed detailed relational database through the use of Entity Relational Diagram.
- Optimized database structure using normalization to reduce data redundancy.

Experience

Technical Interpreter / Executive Assistant   2015-2016

Sunfiber LLC, South Carolina, United States
Provided documentation and first person translation (English / Chinese).
Coordinated communications between management and employees.
Conducted project management during equipment installation phase with tight deadlines. Assisted management team with administrative duties ranging from meeting setups to bookkeeping and procurement.

- Exceptional analysis leading to procurement savings of $40,000 on production equipments.
- Excellent communication and negotiation skills - lead multiple client meetings, successfully negotiated contracts.

Office Assistant   Summer 2012

CSCEC(China State Construction Engineering Corporation)
Completed all front-desk operations including greeting clients, receiving phone calls from clients and managers, and circulating new information to local clients.

- Coordinated communications and translated documents from English to Chinese, vice versa.

Interests

Snowboarding, tennis, badminton, fitness and many other various sports activities. Travelling, reading, music and movies. Innovative and trending startups, blockchain and cryptocurrency, machine learning and AR.