ADEBAYO E. OGUNMUYIWA
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SUMMARY OF QUALIFICATIONS

- Experience with HTML5, CSS, JavaScript, jQuery, Angular.js, Bootstrap
- Experience with Agile development and methodologies
- Experience with version controls and CI tools
- Experience and understanding of network protocols such as HTTP, TCP, IP stack
- Experience with multi-threaded programming, micro-kernels and operating systems
- Understanding and experience with software development principles and design patterns
- Experience using object-oriented language (C, C#, Java, Python and Ruby)
- Strong knowledge and experience with relational databases
- Understanding and experience with automated testing
- Team player and self-motivated individual

EDUCATION

- *University of Victoria*
  - B.Sc. Computer Science Major / Software Engineering Option (Co-op).
  - Currently in 3rd year; seeking work term 1. Graduation anticipated for January,2020
- Lighthouse Labs Inc
  - Certificate: Introduction to web development. September 2017

TECHNICAL SKILLS & COMPETENCIES

- Programming experience with C++, C, Python, Ruby, as well as database experience using MySQL
- Understanding of Agile development principles
- Programming experience with frameworks: Django, Rails, Vue.js
- JavaScript, HTML and CSS: created a variety of websites for personal projects
- Strong understanding and experience with requirement engineering
- Assembly language: programmed an ARM board; programmed an automated warehouse vehicle
- Currently learning: React.js, Vue.js
- Operating Systems: Linux, Unix, OS 10, Windows
- Troubleshooting and configuring experience in both Windows and MacOS based systems
- Understanding of various data structures and algorithms
- Understating of concepts of operating systems and micro kernels
- Strong understanding of networking and communication
- Ability to explain high-level technical concepts and ideas in plain language to end users/clients
- Strong understanding and project experience of Human Computer Interaction (UX and UI metrics)

Personal Projects:

- **Note**: A single page web application using Vue.js.
  - Project idea was to create a note application where the data are stored on the local storage.
  - The basis was to further understand vue.js and models.
  - Link: https://github.com/aeogunmuyiwa/note

- **Tempa**: A weather Web application using angular cli.
  - Project idea was to experiment more on api calls in angular.
  - The weather information is displayed based on a city.
  - Link: https://github.com/aeogunmuyiwa/Tempa

- **Weather-Map**: A weather Web application using Express.js.
  - Project Idea was to experiment more on authentication and build off Tempa project.
  - The weather information is displayed based of longitude and latitude coordinates.
  - Link: https://github.com/aeogunmuyiwa/weather-map

Relevant Courses Completed:
- Object- Oriented Software Development (Development principles & Patterns)
- Database System
- Software Development Methods
- Human Computer Interaction (UX, UI Designs)
- Principles of Engineering Design I & II
- Algorithms + Data Structure I & II
- Introduction to Computer Architecture
- Foundations of Computer Science
- Operating Systems
- Communication & Networking
- Requirements Engineering (Requirements Elicitations)
- Data mining

Selected Course Projects Completed and Community Involvements:

- **Rideshare application**
  - Vast understanding of Agile Iteration process throughout the project.
  - Designed a rideshare network that keeps track of inventory, hub locations as well as requests.
  - Experience with Django Framework and Mongo database.

- **Finstagram web application / Introduction to web development (Lighthouse Labs, Victoria)**
  - Collaborated with a team of experienced developers and students to design and build a cloned version of Instagram.
  - Experience with Ruby on Rails, Sinatra framework, Version Control, SQLite and Active Record.

- **Introduction to engineering project**
  - Collaborated with a team of students to design, program and build an unmanned warehouse vehicle.
  - Performed data analysis of the inferred pololu sensors and implemented algorithmic changes in C++.
  - Programmed and implement proportional control algorithms on the Arduino-uno microcontroller.

- **Experience with data structures + algorithms**
  - Vast understanding of various data structures, theoretical approach and proofs of concept.
  - Understanding of design, analysis and implementation of algorithms and data structures.
  - Understanding and designing of various graph properties and algorithms.

- **Experience with and designing of operating systems**
  - Understanding of inter-relations between systems and architecture.
  - Experience with designing and understanding cpu scheduling and memory allocation.
  - Experience with shell interpreters (SSI) and multi-threading.
  - Understanding of concurrent programming techniques.

- **Designing and understanding architecture of tcp / ip protocol stack**
  - Experience with network traffic analysis using Wireshark and mininet.
  - Understanding of the principles of multiplexing and encapsulation.
  - Experience designing traceroute analyzer.

- **Experience using regression models to predict steam game sales**
  - Used support vector machine (svm) and linear regression to train and fit dataset to build models.
  - Vast Understanding of various data mining algorithms, models and tools.
  - Experience designing and implementing linear regression models, neutral networks, support vector models.

WORK EXPERIENCE

- Marriot inner harbor hotel, Victoria BC
  Concierge assistant May 2018 - present
  - Develop and maintain relationships with local businesses for the purpose of promoting business.
  - Assisted other hotel departments in customer service provision as needed.
  - Informed Marriott loyalty members of new restaurants and updated system with local events.

PERSONAL INTERESTS & COMMUNITY INVOLVEMENT
- Sustainability, Playing Soccer and Jogging.
- Member of the AUVIC (Autonomous Underwater Vehicle).
- Member of Aero UVIC (Unmanned Aerial Systems).

REFERENCES
Available on request