

JEREMIAH-DAVID WREH

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SUMMARY OF TECHNICAL SKILLS AND QUALIFICATIONS

Operating Systems | Linux • Windows 10

Programming | JavaScript ES6 • Python • Java

Frameworks/Libraries | **Front-End:** React + Redux • **Backend:** Express.js • Flask

Tools | Git • GitHub • GitLab CI • Docker • Kubernetes • Helm

Languages: English, French | Spoken & Written

EDUCATION

Bachelor of Engineering – Software Engineering Co-Op

2016 – 2020 (Expected)

Concordia University – Montreal, QC

- Member of the Institute for Co-operative Education
- GPA: 3.78/4.30
- Relevant Courses: Software Architecture & Design I, Software Process, Data Structures and Algorithms
- **Undergraduate Entrance Scholarship**, Received upon admission into Concordia University **Sept. 2016**

WORK EXPERIENCE

Software Engineer Intern (DevOps)

May 2018 – August 2018

Nuance Communications – Montreal, Quebec

- Developed a Spring Boot application which automatically triggers builds for Maven dependencies in GitLab
- Gained hands-on experience with Kubernetes and Helm
- Migrated build plans from Bamboo to GitLab CI

Core competencies: Independent learning, critical thinking

Software Developer Intern (DevOps)

Sept. 2017 – Dec. 2017

- Worked in an Agile team and participated in daily scrum meetings
- Wrote a suite of Python scripts to automate important activities such as version bumping and code releases
- Debugged failing builds daily

Core competencies: Problem solving, perseverance, listening to & following directives, adaptability

PROJECTS

Library Management System (Academic Project)

Sept. 2018 – Nov. 2018

- Contributed heavily to the system's design and iteratively produced its software requirements specification and software architecture documents
- Actively guided less experienced team members through their tasks and reviewed pull requests
- Worked on frontend and backend code

Technologies: React with Semantic UI, Express.js with TypeScript, MySQL, Docker

PROJECTS (cont.)

RU Dating? (Personal, Hackathon)

October 2018

- An online speed dating application that focuses on user interaction instead of mindless swiping!
- Built a matchmaking system and live chat room from scratch using WebSockets
- Integrated with Google Cloud Platform's natural language API to analyze conversation sentiment

Technologies: React with Semantic UI, Flask, WebSockets, Google Cloud Platform

CaptionThis (Academic Project)

Jan. 2018 – Mar. 2018

- An online crowdsourcing platform for captions. Users upload photos, dubbed as Moments. Then, the community can submit captions and vote on the best ones!
- Implemented much of the frontend functionality
- Applied Agile methodologies to manage the project (Scrum, sprint planning, issue tracking, etc.)
- Learned to communicate and work effectively with teammates of different background

Technologies: React, Node.js (Hapi framework), Docker

WryssBot (Personal, Hackathon)

January 2018

- A chat bot integrated with Telegram that can translate voice, text and images using IBM Watson
- Won 2nd place overall and the IBM Watson API challenge at ConUHacks III

Technologies: IBM Watson API (Conversation, Image classification, Translation, etc.), node-red

HOBBIES & INTERESTS

Music

- Have been playing keyboard since a was a child, and mostly play jazz, funk, R&B, and neo-soul genres. I am greatly influenced by artists such as Bill Evans, Herbie Hancock, and artists from the Snarky Puppy family.
- Was in the music program in high school, playing in a concert band for all 5 years.
- Briefly played in a jazz fusion band formed with some friends.

Sports

- Played in the high school basketball team for all 5 years.
- Am a diehard Raptors fan.

Video Games

- Favorite franchise: Zelda
- Smash Ultimate mains: Mr. Game & Watch and Ganondorf