

Mohamad Jamaledine

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HIGHLIGHTS

- 2 years of experience developing software applications ranging from static websites to full web applications using front-end and back-end frameworks such as React and Django
- 1 year of experience administering SQLite and PostgreSQL databases for two web applications developed in agile environments
- Demonstrated strong communication, interpersonal and customer service skills gained from working as an employee at Apple for 4 years, where I provided software and hardware support to customers
- Strong ability to multitask through my experience as a research analyst, where I supported researchers with their desktop needs while simultaneously working on research projects with tight deadlines

TECHNICAL SKILLS

Languages & Frameworks

Python • JavaScript • jQuery •
HTML5 • CSS3 • Bootstrap 4 •
React.js • Django • Redux.js •
Selenium

Tools & Systems

Atom • Visual Studio Code • Git •
MacOS • Linux • Windows • REDCap •
NGINX

WORK EXPERIENCE

Developer Co-op

Sep.—Dec. 2019

University of Alberta | Edmonton, AB

- Created a web interface using Ruby on Rails for a chemometric tool to process data on a Microsoft SQL server
- Effectively managed my own time working remotely with a Postdoctoral Fellow through providing them with weekly progress reports

Web Developer

Aug. 2019—Present

Freelancing | Remote

- Created two mobile-first websites using HTML, CSS, JavaScript and Bootstrap 4 along with the use of YouTube and Eventbrite APIs

Research Analyst

May 2018—Aug. 2019

University of Alberta | Edmonton, AB

- Supported researchers within all departments in the Faculty of Science by ensuring their desktop IT applications and devices were functional
- Worked collaboratively with senior team members to determine a researcher's technology needs with regards to desktop computers and their infrastructure
- Participated in three research projects: Plant Phenotyping using Raspberry Pis, Enviro-Net user documentation and web-server configuration and a research paper on Infrastructure as Code

EDUCATION

Bachelor of Science, Computer Science Major & Economics Minor

Dec. 2019

University of Alberta | Edmonton, AB

- 16-month internship through the Science Internship Program
- Embedded Certificate in Sustainability
- Relevant coursework: File and Database Management, Web Applications and Architecture, Software Process and Product Management

PROJECTS

m0hamad.com

In Progress

- Developing a portfolio website using React.js and Bootstrap 4
- Used Nginx web server to deploy the website on a remote Ubuntu instance

YEG Accessibility

Sep.—Dec. 2019

- Developed a mobile-first web application dedicated to empowering Edmonton locals with accessibility needs to report inaccessible landmarks in an agile environment
- Worked collaboratively with end users to create use cases and wireframes

Plant Phenotyping

Nov. 2018—Aug. 2019

- Collaborated with a research group in the Department of Biological Sciences where I helped automate image capturing of plant phenotypes using Raspberry Pi boards and cameras
- Created various Python and Bash scripts to capture the images and then synchronize the data

LEADERSHIP

Faculty of Science Councillor

May 2019—Dec. 2019

University of Alberta Students' Union | Edmonton, AB

- Gained exposure on how governance works at the university level though sitting on numerous committees and boards in a 40-member council

VOLUNTEERING

Technical Mentor

Mar. 2018—Present

Canada Learning Code | Canada

- Assisted in coding workshops for Beginners and Ladies Learning Code
- Educated learners with tools such as JavaScript, jQuery and WordPress