

Amjad Mohammed

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Education

Bachelor of Engineering - Communications Engineering

Carleton University, Ottawa – Completed: May 2016.

Skills

- Languages: JavaScript, HTML, CSS, PHP, C++.
- Libraries: React, jQuery, Boost.Asio, libwebsockets.
- Databases: MySQL, Parse.

Work Experience

Junior Software Engineer – MORPHEUS Evolve-to-Open (EvO)

October 2017 – May 2018

General Dynamics Mission Systems Canada – Calgary, Alberta

- Worked as part of a small development team in a fast paced agile/scrum development process.
- Worked on developing a message delivery service, developing capabilities and a RESTful API interface leveraged by other services in a large scale tactical communication and information system.
- Responsibilities included coding and debugging of capabilities, developing unit tests and conducting code reviews for quality assurance.
- Continuously maintained software documents of current design features and architecture.

Junior System Engineer – Public Safety & Security Solutions (PSSS)

September 2016 – October 2017

General Dynamics Mission Systems Canada – Calgary, Alberta

- Contributed to proposal work for various SHIELD business opportunities – work included writing and reviewing technical proposals and statement of work documents.

- Integration of capability applications and systems into the PSSS Lab environment – work included coordinating with vendors, determining software/hardware requirements, installing, configuring and evaluating applications.

Information Systems Analyst – Student

May – August 2011/12/13 (one-year total)

Canadian Natural Resources Limited (CNRL) - Horizon, Fort McMurray, Alberta

- Technical IT support (software/hardware) to employees across the site.
- Responsibilities included completing IT tickets of various user raised issues in a timely fashion, setting up hardware and network connections, and inventory management.

Projects

villagepitabakery.web.app

- Responsive, user-focused demo website for a local bakery.
- Built using HTML, CSS and JavaScript.
- Swiper.JS technology was used to provide a smooth touch swipe feature for the image slideshow when viewed on mobile devices.

www.amjad.ca (portfolio website)

- Responsive demo website showcasing my skills, projects, and experience.
- Built using HTML, CSS, JavaScript and jQuery.
- Users are able to flawlessly switch between dark and light webpage themes.

Online Code Editor (fourth-year project)

- Web-based application developed using HTML/CSS, JavaScript, PHP and Parse.com as a database and backend manager.
- The application allows multiple users to collaborate on the same code file concurrently in real-time - similar to Google Docs. It provides users with a platform to create and join programming projects with other users.
- All user files are hosted on the cloud, available upon user login. Dropbox API was leveraged as a file-space for managing and storing user files.