Muhammad Owais Bawany

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Education

Honours Bachelor of Science: **September 2014 – April 2018**

University of Ottawa, Ottawa, Ontario
- Specialization in Computer Science
- Management and Entrepreneurship Option

Technical Skills

Programming/Scripting Languages: Java, Python, SQL, Prolog, LISP, HTML, CSS, JS, PHP, Objective C

Technologies/Environment: Shell Script (Bash), Django Python, Git, PostgreSQL, Flask, Vi(m), UML, XML, JSON, Bootstrap, UNIX/Linux, MAC OS, Windows

Work Experience

Software Developer Intern: **May 2017 – August 2017**

LiveApp-SiliconW Inc., Kitchener, Ontario

- Developed websites, android and iOS applications with a team following client specification and wireframe.
- Consulted regularly with clients on project status, design options, proposals and technical issues.
- Modified the existing portal to correct errors, upgraded interfaces, and improved performance.
- Independently improved all iOS apps' performance by over 20% by migrating the company's iOS web-view platform from UIWebview to WKWebview.
- Suggested improvements to the mobile application development process and other software development practices.

Assistant Maintenance Engineer: **May 2015 – August 2015**

Linde Pakistan Ltd., Karachi, Pakistan

- Facilitated software engineers in devising and implementing new security policies to maintain confidentiality, integrity and availability of all records in the database.
- Ensure IT security (Physical, logical, legal) aligns with Global IS strategy.
- Migrated and trained 200 users from MS Exchange to Lotus Domino liaison with Global IS.
- Evaluated functionalities of the information technology system according to business needs.

Personal Projects

Resume Review Database System (Python & SQL):
- Created a database system to review students resume and companies using PostgreSQL
- Respected all required normal forms
- Used Python and the flask framework for the back-end

Conference Travel Grant System (HTML, CSS, JS, SQL):
- Created an application system for graduate students at the University of Ottawa to apply for grants for conferences.

Android "Soccer tournament" Application (Java):
- Allows the user to create and manage a soccer tournament with features for live score updates
- Obtained results according to relevance and included features such as round robin/elimination

Volunteer Experience

VP Information Technology - Model United Nations Association   **September 2016 – January 2017**

University of Ottawa, Ottawa, Ontario
- Elected to look after the clubs' website and android/iOS application. Adding new features and keeping information up-to date.

VP Marketing – Ottawa Students' for Wishes (Make-A-Wish)   **September 2014 – April 2017**

University of Ottawa, Ottawa, Ontario
- Organized multiple events and fundraisers including bake sale and club night to raise funds for children with life threatening diseases.