Humza Faheemuddin

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 humzauddin27 | humzauddin27

PROGRAMMING EXPERIENCE

Proficient in: *C, Python, Java, HTML, CSS, Dr. Racket*   **Working knowledge of**: *PHP, JavaScript, Android, Batch*
Software, and Design: *Unreal Engine 4, Adobe Photoshop*

WORK EXPERIENCE

ENVIRONMENT & CLIMATE CHANGE CANADA
Computer Programmer & Support | May 2016 – August 2016

- Facilitated analytical queries via Python scripts to extract crucial time stamped data for later assessments – resulting in an increase of efficiency
- Optimized backup times from up to 20 hours to maximum 30 minutes via creation of Batch scripts to automate scheduled backups based on user's desired settings
- Enhanced and developed a unified web-based graph plotting tool to visually analyze plots and detect anomalies in data

SIDE PROJECTS

EPL SCORE PREDICTOR | Java
October 2015

- Data-driven application for forecasting scores between two teams within the English Premier League
- Based on statistics from the 2014-2015 season

COUNTRY GUESSER | Java
November 2013

- Java application that makes use of classes, user I/O and reading data from text files to guess a user-selected country based on yes or no questions
- Lead two other team members in implementation and documentation of code

GALAXY | Python
January 2013

- Python game which was created to play around with Python graphics, taking user-input and creating functional AI whom the user must avoid and destroy

EDUCATION

UNIVERSITY OF WATERLOO
Candidate for Bachelor of Mathematics
Class of 2020

AWARDS

PRESIDENT'S SCHOLARSHIP
May 2015
For students who achieved a 90-94.9%
admission average in their top 6 courses
Presented by the University of Waterloo

TOP 10 ORAL PRESENTATION - REGIONAL
November 2013
Presenters who received within the top 10 scores for
their oral presentations in Business, Law and Ethics
Presented by DECA Canada