ARHAM ARSHAD

OBJECTIVE

A dynamic, motivated, computer science student with excellent analytical skills and a proven work ethic to support all aspects of development and information technology. Strong organizational abilities with proven success completing previous co-op work terms, managing multiple academic projects and volunteering in society events. Out-of-the-box thinker who is comfortable working in teams or independently to ensure solutions consistently exceed goals.

WORK EXPERIENCE

Research Analyst Co-op | Dalhousie University, Halifax NS
May 2020 – December 2020
- Conducted extensive research on Agile software development predicting correlations between exogenous and endogenous variables using mathematical regression models in R.
- Brought forth a strong understanding of research methods and data analysis by performing case meta-analysis and statistical analysis on Scrum case studies.
- Documented a research paper for publishing detailing the entire project. *Research paper available upon request.
- Organized and prioritized work to complete tasks in timely, efficient manner.

Teaching Assistant | Dalhousie University, Halifax NS
September 2019 – Present
- Assisted professor with conducting tutorials and labs while also aiding students with their assignments and labs focusing on HTML, CSS and JavaScript.
- Graded labs and assignments along with providing weekly discussions with students.
- Worked with students individually and provided extra support at the faculty's Learning Center.
- Other Duties include grading weekly quizzes, workbooks, essays and term project reports.

ACADEMIC PROJECTS

PictureGram Content Management System | September 2020
- Developed and designed a website using HTML, CSS, JavaScript and PHP.

EDUCATION

Dalhousie University, Halifax NS
Bachelor of Applied Computer Science
(September 2018 – Present)
Expected Graduation: December 2022

ACTIVITIES & INTERESTS

- Dalhousie Computer Science Society – Secretary
- Dalhousie Co-ed Intramural Society member
- Dalhousie International Students Association member
- Sports marketing
- Soccer

SKILLS

Languages:
- Java, Python, PHP, MySQL, R, HTML, CSS, JavaScript

Technologies/Framework:
- ReactJS, IntelliJ, Eclipse, jGrasp, PhpStorm, Pycharm, Git, Github, MAMP, RStudio, Overleaf, DBMS, Wireshark, Junit, JSE, J2EE, Jbeans, Nmap, Metasploit, Oracle, MySQL, SublimeText, Microsoft Office Suite

CONTACT

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www.linkedin.com/in/arshadarham/
GitHub: www.github.com/arhamarshad1

- Extracted data from database using MySQL queries and displayed content on website.
- Used session, prepared statements and end point API's to dynamically update content on website.

Multithreading Chat Application | September 2020
- Coded a chat application between server and multiple clients using Java's Socket Programming.
- Broadcast requests of clients to each other through server.
- Successfully managed to communicate requests between multiple clients and server.

VOLUNTEER EXPERIENCE HISTORY

Computer Science Tutor - Islamabad Government School
- Volunteered to teach middle school students about fundamentals on computer science.
- Taught blocked based programming such as Scratch Programming to endeavor interest in computer science.

REFERENCES

*Available upon request