

Muhammad Faisal Shahid

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EDUCATION

University of Central Florida

Orlando, FL

Master of Science in Data Analytics — *College of Engineering and Computer Science*

Dec 2020

Lahore University of Management Sciences

Lahore, Pakistan

Bachelor of Science (Hons.) in Computer Science — *School of Science and Engineering*

May 2019

SKILLS

Languages

Python, SQL, SAS, C++, JavaScript, MATLAB, HTML

Tools and Frameworks

Tableau, Power BI, Unity, Android Studio, Heroku, NodeJs, ReactJs, Bootstrap, Flask

WORK EXPERIENCE

Goodlogics

Lahore, Pakistan

Software Engineering Intern

May 2018 - Sep 2018

- Developed web applications in ReactJs for various clients in the financial sector.
- Tested multiple websites using Selenium and provided programming support for fault detection.
- Conducted weekly meetings to discuss project plans, workflows, and designs with the core team.

ACADEMIC PROJECTS

Kernel Specialization

Jan 2019 - May 2019

- Collaborated with Stanford Research Institute to optimize the performance of a user application by tailoring it for specific deployment and usage.
- Converted the input program into its equivalent LLVM bitcode and ran several LLVM passes to perform inter-module specialization, intra-module specialization, argument specialization, and dead code elimination.
- Dynamically reorganized the application to maximize cache hits and reduce the load on virtual memory manager.

BrainCare

Oct 2018 - Dec 2018

- Collaborated with a company called Alzheimer's Pakistan to develop an Android/iOS application for early detection and control of Dementia symptoms in patients.
- Interviewed patients, caregivers, and neurologists to collect data and ideas for product design.
- Designed the app content to address problems faced by Dementia patients like short term memory loss, difficulties in navigation, communication and concentration.

Learning Management System

Feb 2018 - Apr 2018

- Designed and developed a web application for instructors and students to manage their courses.
- Developed the front end of this app on HTML and the back end on NodeJs.
- Deployed the web application on Heroku.