

EMPLOYMENT

Software Engineer, Intern	S&P. Global	June-Aug 2019
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- Implemented a full stack web application for sharing, filtering and downloading code snippets. That would eventually help the internal teams to work on the new framework they were migrating to.
- Automated functional tests of Restful web services.
- Automated UI functional tests.

EDUCATION

IMS, Peshawar	Institute of Management Sciences	Fall 2016 – Sep 2020
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- **Major:** Software Engineering, BSSE
- **Programming Coursework:** Programming Fundamentals, Algorithms & Data Structures, Machine Learning, Operating Systems
- **Electronics Coursework:** Digital Electronics, Digital Logic and Design.

SOFTWARE PROJECTS

Personal Website: www.dawoodshahat.tech (for additional information)

- **Write Ideas App**
 - Developed Web application that uses ReactJS, NodeJS, MongoDB and ExpressJS to share your writings and makes you stick to it.
 - Designed Restful API that enables the writings to be stored persistently in a NoSQL database called mongoDB.
 - Integrated PassportJS to create add signup/login functionality to the application.
- **Predicting Undergraduate Admissions Using Machine Learning (Final Year Project)**
 - Developed Web application that would predict student's chances of getting admission in a university using ML models.
 - We used Python framework Flask as a backend server, Scikit for training the models, Pandas and Numpy for preprocessing the data.
- **Quizzy Android App**
 - Created an android application that lets you create and play quizzes.
 - Used Java, Firebase for the signup/login functionality, Firebase as a NoSQL database for storing quizzes data persistently.

Skills

- **Programming Languages:** (proficient) Javascript, Python, HTML, CSS (familiar): Java, C, SQL, Swift
- **Libraries and Frameworks:** ReactJS, NodeJS, MongoDB, ExpressJS, Flask.