






# Saad Abdullah

Gold Medalist (BSCS) @ FAST-NUCES, 2023

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## EDUCATION

### FAST - NATIONAL UNIVERSITY OF COMPUTER AND EMERGING SCIENCES

(NUCES) | BACHELOR OF COMPUTER SCIENCE

2019 - 2023 | Faisalabad, Pakistan

CGPA: 4.0 / 4.0

## EXPERIENCE

### A'STECHWARE | ASSOCIATE SOFTWARE ENGINEER, RUBY ON RAILS

October 2020 - Present

- Core responsibilities included developing, testing, and maintaining 12+ web applications using the Ruby on Rails framework.

### FAST NUCES | TEACHING ASSISTANT DATA SCIENCE, PYTHON | HUGGING FACE | GRADIO

February 2023 - June 2023

- Core Responsibilities included curriculum-aligned assignment development, viva voce sessions, project evaluations, and organizing a project poster exhibition.

## PROJECTS

### MUTATION TESTING TOOL-BOX FOR DEEP LEARNING SYSTEMS. | RUBY ON RAILS |

PYTHON | KERAS | POSTGRES SQL

2023

- The idea is to inject a fault in the original DL model, understand the difference in behavior between the original and faulty DL model, and perform a comparative analysis on the basis of the results found.

### WORD OF MOUTH | RUBY ON RAILS | MYSQL

2023

- A top rated review site in Australia, Implemented Strip BECS payments, CRM data Sync, fraudulent review detection system, expansion product, review retraction tool and many other major features in 2023.

### SCHEDULAR - AN AI BASED SCHEDULE MAKER | RUBY ON RAILS | FASTAPI

2022

- The program takes into consideration various factors such as slots availability, student clashes, and faculty availability to create an optimized exam schedule that either removes or minimizes clashes and maximizes efficiency.

### DAIRA - EVENT MANAGEMENT MOBILE APPLICATION | ANDROID | JAVA

2022

- This app allowed admin to manage events, sub event, team members event details.

### COVID-VACCINE MANAGEMENT SYSTEM | RUBY ON RAILS | ORACLE

2021

- A vaccine management system with Oracle custom queries instead of Rails' ORM.

### PLOT2-PUBLICLAB (OPEN SOURCE CONTRIBUTION) | RUBY ON RAILS | JAVASCRIPT

2022

- Did Open Source Contribution in PublicLab's Plot2 Project.

## SKILLS

### PROGRAMMING

Proficient:

C+ • C • Ruby • Python  
SQL • CSS • HTML

Familiar:

Java • Shell • Assembly • C

### LIBRARIES/Frameworks

jQuery • Ruby On Rails •  
Selenium • .NET • StimulusJS •  
TensorFlow

### TOOLS/PLATFORMS

Git • Webpack • Heroku  
Wordpress • Docker

## ACADEMIC

## ACHIEVEMENTS

- Consecutive Gold Medals (1st-8th Semester), BSCS, FAST-NUCES.
- Inscribed in Rector's List of Honor in all graded semesters (2019-2022), FAST-NUCES.
- Winner of 7th Programmers' Battle 101 C++, Programming Fundamentals, FAST-NUCES.

## EXTRACURRICULAR

### VICE PRESIDENT

SUKHAN-FAST LITERARY SOCIETY

2022 - Present | FAST, Faisalabad

### HEAD DEVELOPMENT TEAM

ASSOCIATION FOR COMPUTING

MACHINERY (ACM) STUDENT

CHAPTER

2021 - 2022 | FAST, Faisalabad