

# MIRZA YOUSUF ZULFIQAR BAIG

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GitHub: <https://github.com/akurtle>

Personal Site: <https://akurtle.github.io/Personal-Site/>

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## PROFILE

Passionate COOP student looking for an 8,12 or 16-month internship starting May 2024. Interested in various areas of Computer Science from Data Science, Full Stack, Machine learning, Cybersecurity and Software Development.

## IT SKILLS

- **Languages:** Java, Python, C, JavaScript, TypeScript
- **Web:** HTML, CSS, Bootstrap, jQuery, REST API, ReactJS, Axios, EJS, NextJS
- **Database:** MySQL, PostgreSQL, MongoDB, Firebase
- **Extras:** NodeJS, Express, Bootstrap, Tailwind, pandas, NumPy, SciKit

## EXTRAS

- Completed a course of [Web Development on Udemy](#)
- Completed a course of [Machine Learning on Udemy](#)

## PERSONAL PROJECTS

### PERSONAL SITE:

Made a personal site using HTML, CSS, JavaScript involving Bootstrap to modify the layout and jQuery for easier accessing of HTML tags and attributes. It showcases more projects and my Git Hub page.

### WEATHER FORECAST:

Created a weather forecast site using HTML, EJS, Express JS, JS, CSS and axios to access the API which gives details of today's weather and the weekly weather along with more information.

### E-COMMERCE SITE:

Created an E-commerce site using NextJS, SANITY as the database to easily add products and Stripe to confirm payments. It is a template design created to showcase ability in ReactJS and NextJS.

### SUDOKU SOLVER:

Created a sudoku solver using HTML, CSS and JS that solves the puzzle using genetic operators such as mutation and recombination to try different possibilities and reach the solution.

## INTERNSHIP

### MANNAI-ICT, CYBERSECURITY, QATAR: JULY 2023 - SEPTEMBER 2023

- Gained Certifications in NSE 1, NSE 2, NSE 3.
- Gained knowledge on NSE 4, NSE 5 and NSE 6.
- Completed multiple Fortinet labs on FortiManager, FortiAnalyzer, FortiSandbox and other products.
- Configured, Installed and troubleshooted 2 Fortinet firewalls that were set up in an active-passive configuration at Mannai Data Center.
- Attended Multiple workshops on FortiSASE, Zscaler ZIA and more.
- Observed a HA failover test.

## EDUCATION

### MEMORIAL UNIVERSITY OF NEWFOUNDLAND – SEPT 2021 – ONGOING

Bachelor Of Science: Computer Science

Currently in 3<sup>rd</sup> year, average of 90% in Computer Science **Overall GPA: 3.62**

### CAN'T STOP (BOARDGAME):

Developed a board game "Can't Stop" - a Group Project using Java SWING. This project involved all the documentation required for software development such as Vision Document, Sequence Diagram, Logical Architecture Diagram and Class Diagram.

### DOHA MODERN INDIAN SCHOOL– High School in Computer Science **Result: 94%**

### HOTEL MANAGEMENT:

Created a room booking application with CLI made by python and using MySQL for the database in which the queries were automated through python using PyMySQL. The entire codebase was documented.