

# Ismail Nafaal Ibrahim

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## EXPERIENCE

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- **University of Bristol**  
Teaching Assistant  
Assist in the delivery of Software Tools module, helping students with labs and preparing worksheets  
*September 2022 - Current*
- **Maldives Monetary Authority**  
Information Technology Officer - Maldives  
Development of web applications, maintaining authority's website, ensuring smooth processes of computer networks and systems  
*April 2019 - September 2020*

## EDUCATION

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- **University of Bristol**  
BSc Computer Science  
*2020 - Current*
- **Center for Higher Secondary Education**  
Edexcel A' levels - 1A\*, 2A  
*2017 - 2018*
- **Ahmadhiyya International School**  
Cambridge O' levels - 5A\*, 1A  
*2014 - 2016*

## AWARDS & RECOGNITION

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- **High Achievers Scholarship**  
Fully paid undergraduate education given to students who have achieved the highest grades in higher secondary education
- **Presidential medal for internationally outstanding mark in Accounting**  
Awarded for achieving 600/600 in Edexcel A level Accounting
- **4th Place in A'Level National Top Ten.**
- **2nd Place in O'Level National Top Ten.**

## SKILLS

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- **Technologies**  
Python, Golang, Java, Git, Linux, Docker, Nginx, CI/CD
- **Frameworks**  
Django, Flask

## PROJECTS

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- **SCEEM Space Application**  
Developed a full stack application from scratch that logs staff to their respective spaces within the SCEEM organization  
*Python - Django, Vue.js, Docker, Nginx*
- **Game of life**  
Implement Conway's Game of Life simulation for my Computer Systems A module using remote procedure calls on AWS EC2 instances  
*Golang, AWS*
- **Scotland Yard**  
Implement logic of Scotland Yard board game for my Object-Oriented Programming module  
*Java*

## ADDITIONAL ACTIVITIES

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- **2nd Place - BAE Systems CTF 2022**  
CTF event run by BAE Systems in collaboration with the Computer Science Society for students of the University of Bristol
- **CSSxBoeing Hackathon 2022**  
Developed a web application with Flask and React that displays information on world heritage sites worldwide using Globe.GL and public APIs

## HOBBIES & INTERESTS

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- Capture the flags
- Cyber Security
- Automating Tasks
- Self hosting