

# MUHAMMAD SWALHA

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## OBJECTIVE

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Motivated computer science student looking for internship or part-time job as a software engineer.

## SKILLS & ABILITIES

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Experience in C++, JavaScript, Python, GoLang and with Docker/Kubernetes and Hand-on experience with Linux/Unix and Computer Vision.

## EXPERIENCE

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| 2015-2020 | <p>Team Leader, <i>FIRST Robotics Competition</i></p> <ul style="list-style-type: none"><li>· Making HUGE robots to compete in regional, global competition with custom software and hardware, implanted controls, H.264 video compressing and streaming over WIFI, with on-board Computer Vision, won 2018 regional and Represented Israel in global championships in NASA headquarters in Houston, Texas.</li></ul> |
| 2020-2021 | <p>Back-end engineer, Private marketing company</p> <ul style="list-style-type: none"><li>· Building REST APIs and infrastructure for many websites and mobile apps using Node.js, Golang and deploying in AWS or other with cloud providers.</li></ul>   |

## EDUCATION

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| 2021-2024 | Computer science, University of Haifa <i>GPA: 86</i> |
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## PROJECTS

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### Chess AI

Build a CLI chess engine to calculate the optimal next move using minimax algorithm using C++.

### Ticket selling website backend

Build a full infrastructure and code base for ticket selling API with Golang using microservices architecture to learn more about distributed system.