

# NAIF ALASSAF

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## OBJECTIVE

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To gain sufficient experience and make peoples lives easier with the skills I learn.

## SKILLS & ABILITIES

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### Soft Skills:

- Teamwork
- Writing, creative and technical
- Critical, and analytical Thinking

### Technical Skills & Programming Languages:

- C
- C++
- C#
- Java
- Python
- Scala
- HTML
- CSS
- JavaScript
- Sql
- NoSQL (MONGODB)
- Accessible design

## EDUCATION

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2018-2022 Bachelor of Science, Computer Science, University of Colorado Boulder

- 3.2 GPA
- Dean's List Fall 2018, Fall 2021

2018-2022 Minor, Space, University of Colorado Boulder

## TRAINING & CERTIFICATIONS

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HackerRank	Pyhton (Basic) Certification, <a href="https://www.hackerrank.com/certificates/5a63101c91f2">https://www.hackerrank.com/certificates/5a63101c91f2</a>
AT&T	2021 AT&T Summer Learning Academy Extern, <a href="https://www.credly.com/badges/e6341c5b-7bc7-47a2-9f8c-c9ae1bb92e0c?source=linked_in_profile">https://www.credly.com/badges/e6341c5b-7bc7-47a2-9f8c-c9ae1bb92e0c?source=linked_in_profile</a>

## PROJECTS

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- **Maze Solving Robot**  
Simulated in Webots, our robot traverses a maze using a birds-eye photograph of it. We used blob detection to isolate the maze and map it for the robot's use. The robot uses Dijkstra's algorithm to solve for the optimal path. More details [available here.](#)
- **Updating and maintaining a mobile application**  
Worked with CU boulder Psychology department's [Correll lab](#) to update and gamify their CRD (Cross Racial Deficit) app. Our team, streamlined deployment, wrote documentation, updated the UI, and gamified the app. GitHub Repo: <https://github.com/CU-CRD-app/psych-capstone/tree/develop>