

# Naif Alassaf

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## SKILLS & ABILITIES

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### Technical Skills & Programming Languages:

- C++
- Java
- Python
- HTML
- CSS
- JavaScript
- SQL
- Accessible design

## EDUCATION

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2018-2022      Bachelor of Science, Computer Science with a minor in Space, University of Colorado Boulder  
*Boulder, Colorado, USA*

- 3.2 GPA
- Dean's List for 2 semesters

## WORK EXPERIENCES

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**AT&T                      2021 AT&T Summer Learning Academy Extern.**  
June 2021-  
August 2021

- Acquired business and technical acumen along with personal growth and professional development across 80 hours of online learning
- Completed entry-level training in finance, sales advertising, media and technology, communication, and leadership
- Gained insights and advice on business, leadership, technology and career from business executives and recognized experts

## PROJECTS

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### Maze Solving Robot

Simulated in Webots and written in Python, 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>