

# KHALID ALNUJAI

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## OBJECTIVE

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Interested in landing a highly technical role for an internship, where i will be able to contribute my skills and learn new ones.

## EDUCATION

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**Bachelor of Computer Science**, Prince Mohammad Bin Fahd University Expected 05/2024  
Relevant Coursework: Algorithms, Artificial Intelligence, Calculus, and Linear Algebra. 3.57 GPA

## SKILLS

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**Technical Skills**      Academic research, Python, GitHub, L<sup>A</sup>T<sub>E</sub>X  
**Soft Skills**            Verbal & Written communication, Public Speaking, Presenting Ideas, Tutoring.

## EXPERIENCE

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**Undergraduate Researcher — Part-time** Sep 2022 - May 2023  
Prince Mohammad Bin Fahd University

- Academic research.
- Run deep learning experiments (Classification, Object detection)
- Study VAEs, Transformers, Diffusion models.

**Co-founder & CTO — Pre-seed** Oct 2022 - Jan 2023  
Pre-Binary Solutions

- Being part of Blossom Accelerator, sponsored OXAGON.
- Meet & Interview both potential investors and customers.
- Work on developing an MVP and pitch deck for Angle Investors.

**Research Assistance — Internship** Jun 2022 - Sep 2022  
RoboLab at PMU

- Collect, label, preprocess image data.
- Experiment with feature engineering and conventional ML.
- Complete a conference paper.

## PROJECTS

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**ConvNet Runner.** Built a GUI applications that lets user Train, Test, Evaluate custom image classification models without writing a line of code. The project won a [TensorFlow Community Spotlight!](#)

**Spot the Camel.** Custom YOLOv5 object detection model running in local browser through Flask as back-end. App can detect camels in real time through webcam or IP camera.

**Blind Line.** Innovative education system for the visually impaired. A Custom 3D printed ring that integrates Raspberry Pi with both a camera and speaker. This then ring is able to capture images of Braille and translate it to speech.

## ACHIEVEMENTS & PUBLICATIONS

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- Alnujaidi, K., AlHabib, G. (2023). Computer Vision for a Camel-Vehicle Collision Mitigation System. In 2nd International Conference on Computing and Information Technology Trends.
- Winning top 3 out of 50+ teams at [NEOM's OXAGON Hackathon 2022](#).