

# Albert Paik

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| [github.com/apaik458](https://github.com/apaik458)

| Auckland, New Zealand

## Interests

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**Robotic manipulation:** bimanual manipulation, contact-rich tasks, long-horizon tasks

## Education

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### University of Auckland

Bachelor of Engineering (Honours) – Computer Engineering

- Honours Thesis: *Development of an Ambient Weather Indication Display*

*Auckland, New Zealand*

Mar 2020 – Present

## Experience

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### AIST Joint Research Lab

Research Intern

*Tsukuba, Japan*

Nov 2024 – Feb 2025

### University of Auckland CARES Lab

Undergraduate Research Assistant

*Auckland, New Zealand*

Jul 2023 – Present

## Projects

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### Apto Arm

Development of a 3D-printed 6-DoF robot arm

[github.com/apaik458/apto\\_arm](https://github.com/apaik458/apto_arm)

### LEAP Hand C++ API

Development of a C++ API for an open-source articulated robot hand

[github.com/leap-hand/LEAP\\_Hand\\_API](https://github.com/leap-hand/LEAP_Hand_API)

## Technical Skills

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**Programming languages:** C, C++, Python

**Frameworks:** ROS

**Hardware:** Intel RealSense, LEAP hand, Dynamixel servos, Waveshare/Feetech servos

**Collaboration Tools:** Git/GitHub, Slack