

# Sean Lee

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Coquitlam, BC  
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## Experience

**PhoMedics**  
Project Engineer (Remote)  
Vancouver • 08/2022–02/2024

Working remotely for the company, I am engaged with the company administration of purchase. As the original designer of the software structure, I also provide support in programming to my colleagues.

**PhoMedics**  
Project Engineer  
Hong Kong • 03/2022–07/2023

As a frontline engineer, I played a key role in prototype and software development, contributing to the delivery of the first prototype for clinical preliminary testing through collaborative efforts.

**Maxgrand**  
Assistant Engineer  
Hong Kong • 07/2021–02/2022

As a frontline engineer, I conducted QC tests for light products and served as a liaison for high-value commercial development projects, coordinating communication between different parties.

## Skills

### 3D Modelling

- Designed custom components using Solidworks.
- Printed components using both resin and filament printer with aid of Chitubox, a software to convert design to machine instructions.
- Designed lighting equipment using AutoCAD.

### Software Development

- Implemented software structures and created a voice enabled AI with Python.
- Programmed prototypes with Arduino.
- Basic knowledge of HTML, CSS and Javascript.

### Project Management

- Accomplished development of prototype one quarter ahead of the projected timeline.
- Acted as a project coordinator for office relocation.
- Acted as a project coordinator for high-value projects.

### UI Design

- Designed UI for prototypes with Figma.
- Implemented desktop UI with Qt Designer.

### Leadership

- Provided mentorship to interns and co-op students. Encouraged interns to achieve and provide guidance when necessary.

### Communication

- Presented my design ideas, communicate and make compromise for better solutions.

## Personal Projects

**Voice Enabled AI**  
11/2023–Current

A personal-interested side project to create a voice-enabled chatbot using OpenAI API, a sound recognition module and a voice output module that listens and responds in natural language.

## Education

**City University of Hong Kong**  
07/2021

Bachelor of Engineering in Materials Engineering