# John Ling

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I get fulfilment solving problems for others, applying theory and my skills to create products that benefit and create happiness. I am experienced in many technologies such as Python, C#, WebDev, Docker and NGINX and I am excited to use my skills to build something to benefit you.

## PROJECTS

### Cameraman – [Github](Github)

March 2022 - April 2022

Real-time face tracking robotics using OpenCV's DNN module and an ATmega328p microcontroller. Housed in a 3D printed case modelled using Fusion 360.

### Portfolio Website – [Github](Github)

June 2022 - August 2022

Personal website to showcase awards, projects and talk about myself. Built using vanilla JS, Sass CSS and Bootstrap HTML.

### Kahoot Bot – [Github](Github)

March 2022 - June 2022

C# winforms based desktop application to create virtual Kahoot players and play Kahoot games when given a game pin. Application contains asynchronous code to update widget such as an internal scoreboard in a non-blocking manner.

### Other Projects – [Github](Github)

September 2019 - Present

Backup of all my projects I have done since 2019 to today including my submissions for Harvard's CS50.

## EXPERIENCE

### AmBank, Malaysia — *Cybersecurity Intern*

June 2022

Shadowed under the cybersecurity team of AmBank, one of Malaysia's largest banks, developing practical networking experience.

## EDUCATION

### Garden International School, Malaysia

August 2017 - June 2023

## SKILLS

**Programming Languages:**

- Python
- C#
- Javascript
- HTML w/Bootstrap
- CSS w/Sass
- SQLite
- Java
- C

**Technical Skills:**

- Git
- Ubuntu Server
- Docker
- NGINX

## AWARDS

**EARCOS Global Citizenship Award 2022:** Awarded for founding and running an NGO named [Plugged In Malaysia](Plugged In Malaysia).

**GIS Learners Award:** Awarded for my work maintaining Plugged In Malaysia for over a year.

**CS Academic Award:** Awarded for exceptional endeavours related to Computer Science within my school.