



PERSONAL INFORMATION

Pil Kyu Cho

 Delft, Netherlands
 +31644021296
 comsci.p.cho@gmail.com

Sex Male | Date of birth 05-08-1995 | Nationality Republic of Korea

LOOKING FOR

Part-time internship, Full-time summer internship in software development

CURRENT

Computer Science and Engineering student at TU Delft
Student Software Developer at tech startup Krill

WORK EXPERIENCE

04-2022 - present

Student software developer

Client: Krill

Location: Delft, Netherlands

Project description and main objectives:

Krill uses robots for autonomous swarm solutions to measure and improve water quality. We aim to enhance and optimize data collection and analysis of the robots. In addition, we work to create presentable data maps and visualizations for better understanding of local water quality and to find technical solutions.

Activities and responsibilities:

Create prototype for data visualization of Netherlands water stats;
Improve water data collection and analytics process;
Explore possibility of artificial swarm intelligence;
Create pathfinding algorithm for the robots;

12-2019 - 06-2021

Engineering Soldier

Client: Republic of Korea Armed Forces

Location: Republic of Korea

Project description and main objectives:

(classified)

Activities and responsibilities:

(classified)

08-2018 - 08-2019

Board member; Building Manager

Client: Erasmus Student Network Maastricht

Location: Maastricht, Netherlands

Project description and main objectives:

Erasmus Student Network (ESN) is the biggest interdisciplinary student association in Europe. The board is not only responsible for the administrative tasks of the organization, but to also ensure a more mobile, flexible education environment and cultural experience for the exchange students.

Activities and responsibilities:

Administrative tasks of student association;
Leader of a committee of 4-6 students;
Improve the flow of the organization by coordinating with board from other sections;
Find potential partners of building;

Coordinate events happening in building;
Handle logistical needs of building;
Manage budget and finances of building;

01-2018 - 07-2019

Assistant Project Manager

Client: Conservatorium Maastricht

Location: Maastricht, Netherlands

Project description and main objectives:

The conservatorium hosted numerous projects for its students. This includes workshops, sessions, and concerts with partnering venues. All these projects require lots of planning, coordination, and oversight to ensure smooth flow of the programs.

Activities and responsibilities:

Administrative assistance to the project manager;
Coordinate projects and events hosted by school;
Handle logistical needs;
Coordinate with artists;
Oversee the projects in person;

EDUCATION AND TRAINING

08-2021 - present

Bachelor of Science

Computer Science and Engineering
Technical University of Delft

11-2019

Python Programming Certification

Certified Associate
PCAP

08-2016 - 08-2019

Bachelor of Music

Jazz
Conservatorium Maastricht; Zuyd University of Applied Science

08-2014 - 08-2016

Bachelor of Music

Jazz and Pop
Artez Institute of the Arts

PERSONAL SKILLS

Mother tongue(s)

Korean

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English:	C2	C2	C2	C2	C2
Dutch:	A2	B1	A2	A2	B1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Technical skills

#	Technology, Framework, Methodology and/or Environment software
1.	JavaScript
2.	TypeScript
3.	Node.js
4.	NPM
5.	CSS
6.	HTML
7.	Java
8.	Spring boot framework

9.	JavaFX library
10.	Gradle
11.	Python
12.	Pandas library
13.	SQL
14.	MongoDB
15.	PostgreSQL
16.	Assembly
17.	Git
18.	Github
19.	MS Office
20.	IntelliJ
21.	Visual Studio Code

Personal website <https://pkcho.herokuapp.com/>

Hobbies & Interests Web development, Data manipulation, Debating, Fitness