

TAN CETINER

◇ (+33)744848220 ◇ Paris, France ◇ cetintan13@gmail.com ◇ [Personal Website](#) ◇ [LinkedIn](#) ◇ [GitHub](#)

EDUCATION

Institut Polytechnique de Paris - Paris, France 2023 - Present

- Master of Science in **Computer Science. Interaction, Graphics & Design** track

Sabanci University - Istanbul, Turkey 2018 - 2023

- Bachelor of Science in **Computer Science and Engineering**. Minor in 'Philosophy'
- GPA **3.62/4.00**

University of Turku - Turku, Finland 2022

- Studied in Turku for one semester as an exchange student.

EXPERIENCE

Freelance Web Development / Full-stack Developer September 2023 - Present

- Collaborating with clients to deliver customized web solutions, specializing in **PHP Laravel, Livewire, and PostgreSQL**, while implementing responsive designs and optimizing performance for an enhanced user experience.

Yapi Kredi Teknoloji / Software Engineer August 2022 - September 2023

- Developed full-stack web applications in a **microservice architecture** using **Java Spring Framework** for the backend and **React.js** for the frontend, collaborating with cross-functional teams in an Agile environment to ensure high-quality software. Resigned to pursue full-time postgraduate studies.

Yapi Kredi Teknoloji / Software Engineer Intern June 2022 – August 2022

- A machine learning model for predicting real estate prices was developed using **Python** language by a team of 7 people, through processing the bank's datasets with over 200 thousand rows.

Sabanci University / Learning Assistant September 2019 – June 2021

- Introduced peers to the fundamentals of programming with **C++** and **Python** for CS201 and IF100 courses.

Nokia / Engineering Intern February 2021

- Studied the 5G Technologies and their use cases with a group of 5 students for two weeks and made a presentation.

PROJECTS

M1 Research Project (Present) - Developing a web-based, real-time visualization tool for filter graphs within the GPAC framework, enhancing user interaction and understanding through an intuitive, responsive interface.

Parallel Computing (Course, 2023 Spring) - Analyzed and evaluated the capabilities of ChatGPT to detect and classify performance-related bugs in **C++**, **OpenMP** and **CUDA** codes.

PURE (Research Project, 2023 Spring) - Worked on **computer vision** object detection algorithms and developed a model for handwritten text recognition for century-old Ottoman documents, using **Pytorch**.

Blockchain: Security and Applications (Course, 2022 Fall) - Created a forum that consists of anonymous but verifiable university students with the help of blockchain technologies. **Solidity** and **React.js** is used.

Software Engineering (Course, 2021 Fall) - Developed a full-stack web application written in **Flutter** and **Python Django**.

Computer Graphics (Course, 2021 Fall) - Developed a fully playable 3D game with **OpenGL** library of **C++**. Functionalities like lighting and smooth shading, texture mapping and camera is implemented from scratch.

VOLUNTEER EXPERIENCE

Bogazici University Mentorship Program / Mentor Present

- Mentoring a high school student by helping him prepare for university exams, and guiding pursuing a career in engineering.

Sabanci University Theater Community / Chairman 2020 - 2021

- Coordinated more than 30 rehearsals, directed 2 radio dramas, conducted 3 interviews with theater actors, etc

Sabanci University (Civic Involvement Project) / Theater Director & Actor 2020

- Arranged a 5-day tour with a theater play for kids, performed to over 2000 kids who have no access to theatre in their region.