# KAAN KOC

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#### **EMPLOYMENT**

### **Full Stack Developer, Intern**

### **Papatia Software Company**

**Summer 2021** 

Antalya, Turkey

- Developed and implemented algorithms to enhance data storage efficiency, resulting in accelerated queries and optimized APIs for improved system performance.
- Created responsive user interfaces using Angular and related technologies, including Typescript, HTML, and CSS.
- Demonstrated a proactive approach by engaging in self-study to acquire proficiency in unfamiliar technologies such as ABP Framework.
- Played a significant role in the design phase of websites customized for customers across Europe, ensuring alignment with specific requirements.

## **EDUCATION**

### Fullerton, CA California State University Fullerton

August 2022 – Present

- Candidate for B.S. degree in Computer Science
- Expected graduation May 2026
- Cumulative GPA: 3.85/4.0

#### **LEADERSHIPS**

Student Leader January 2023 - Present

**Kings Education** 

- Helped and mentored first-year students with class registration and encouraged them to build a stronger profile by sharing volunteering opportunities and clubs.
- Managed workshops for first-year students of Kings international education program and advised them with my personal experiences.

### **Archery Sports Club Leader**

October 2017 - August 2019

Ekol Archery Club, Antalya, Turkey

- Successfully representing my sports club, gaining over 15 awards in local tournaments, and getting selected
  as a young candidate for the Turkish National Archery Team.
- Responsible for the training and safety regulations of young athletes ages 6-10 as the team leader.

### **International Student Club Board Member**

September 2023 - Present

California State University Fullerton

- Planned fun activities such as movie nights, potlucks, boardgame nights, and bonfires to create social bonds between international students, focusing on creating a welcoming environment.
- Collaborated with fellow board members to set up the event place and deal with unexpected situations.

# **PROJECTS & AWARDS**

### **Honored Highschool Project**

March 2021

**TUBITAK Science Project Competition** 

- Designed and implemented a mathematical alphabet using pentagons as an alternative to braille for visually impaired individuals. The alphabet, from "a" to "z," followed a logical mathematical pattern, potentially offering an easier learning curve than traditional braille.
- Developed a specialized writing tool using Fusion 360 for blind individuals to utilize the newly created mathematical alphabet, allowing users to mark corners on paper to write characters.

### **Languages and Technologies**

- Programming Languages: Python; C++; C#
- Web Development: HTML; CSS; JavaScript; TypeScript; Angular; ASP.NET CORE
- Data Analysis: Pandas (Intermediate); NumPy (Intermediate)