

# Deniz Can Gezgin

LinkedIn

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## EDUCATION

- **Sabanci University** Istanbul, Turkey  
*B.Sc. Computer Science and Engineering; GPA: 3.93/4.00* *September 2019 - January 2024*  
*Honors and Awards: Full Honorary Scholarship — Six (all possible) terms High Honor Certificate*
- **Uppsala University** Uppsala, Sweden  
*Exchange - Department of Information Technology* *January 2022 - June 2022*

## WORK EXPERIENCE

- **Yapi Kredi Teknoloji** Istanbul, Turkey  
*Intern Software Engineer* *February 2023 - September 2023*
  - Developed banking software leveraging data related to derivative financial products, with a focus on futures exchange.
  - Created dashboards with .NET, utilized user data with PLSQL and PostgreSQL, conducted extensive testing in production, and supported application deployments on large scale systems.
  - Collaborated effectively with the development team in an agile environment, participating in code reviews and receiving feedback.
- **Viral Lab - VRLLAB** Istanbul, Turkey  
*Research And Software Development Assistant - #Secim2023* *September 2022 - July 2023*
  - Under the supervision of Dr. Onur Varol, worked with VRLLAB team that studies social sciences and human behavior through data science and network science.
  - Developed a public dashboard in Vue.js to publish research findings. Details can be found in **secim2023.biz**
  - Worked on analyzing and synthesising data from various social media sources in order to detect anomalies in politician interaction trends. Presented various statistics including temporal engagement changes, user interaction and hashtag co-occurrence networks.
- **Twente University - Services and CyberSecurity** Enschede, Netherlands  
*Research Intern* *June 2022 - September 2022*
  - Under the supervision of Dr. Luis Ferreira Pires, analyzed existing responsible AI solutions and developed semantically aware image recognition model that synthesises ontologies and computer vision.
  - Documented insights on optimizing train-test splits for semantic datasets to mitigate overfitting. Evaluated and commented on the performance, limitations and frontiers. More details can be found in the **internship report**.
- **Sabanci University** Istanbul, Turkey  
*Learning Assistant - Algorithms, Advanced Programming and Mathematics* *Feb 2020 - Present*
  - Worked as assistant in Advanced Programming course, where I assisted in teaching during lab hours, and mentored students in office hours.
  - Worked as assistant in in Algorithms course where I prepared recitation classes, mentored students in weekly office hours.
  - Worked in Academic Support Program where I mentored students in Linear Algebra and Calculus

## SELECTED PROJECTS

- **Accurate Hacking Simulator** Developed a stealth game about hacking. Implemented Stealth Mechanics, Dialogue System, Hacking Minigame, Multiple Levels, Dynamic Music, Postprocessing. Skills: Game Development, UI development, Unity, Game Programming. **GitHub repository**
- **Wingman** Developed a web-based application that aims to make referee assignments easier by tracking up-to-date referee statistics and managing the interface to assign referees. Created the front-end and the back-end of the application. Skills: React.js, Node, Express.js, PostgreSQL, Web Development, Software Development. **GitHub repository**
- **EatHall** Developed a marketplace application for IOS and Android for individuals to buy and sell food. Worked on the front-end of the application. Skills: Business Logic, Mobil Development, Firebase, Flutter. **GitHub repository**

## SKILLS SUMMARY

- **Programming Languages** C, C++, C#, Javascript, Python, Dart, GO, Prolog
- **Foreign Languages** English C1 (IELTS: 8.0/9.0)
- **Tools and Technologies** Flutter, React, React Native, VueJS, .NET CORE Object Oriented Design, Machine Learning, Tensorforce, Scikit, Selenium, Pandas, OpenAI, LLM, AI Database Design, PostgreSQL, PLSQL SQL, Git, Linux, Socket Programming with TCP/UDP, Django, Express, Firebase, Unity, UI Toolkit
- **Soft Skills** Leadership, Teamwork, Creative Writing, Research, Problem-solving, Communication, Organization

## CERTIFICATES AND EVENTS

- **Peak Games Unithon Engineering** Developed a match three game using Unity.
- **SUJAM-1** Participated in Sabanci Game Jam with our game Fly Sabanci Fly
- **NVIDIA** Fundamentals of Deep Learning and Accelerated Computing with CUDA C/C++ certificates

## EXTRACURRICULAR ACTIVITIES

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- **Sabanci Association for Computing Machinery (SuACM)** Istanbul, Turkey  
*Head of Workshop Department* *September 2019 - June 2022*
  - Served on the SuACM board for 1.5 years, taking on the role of Head of Workshop Department in March 2022.
  - Organized and led workshops, collaborated with industry professionals, and organized educational events.
- **Sabanci University Cinema Club (SINEK)** Istanbul, Turkey  
*Board Member* *June 2022 - Present*
  - Responsible for curating and hosting movie screenings, organizing engaging events, and arranging meetings with Turkish directors.

## VOLUNTEER WORK

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- **Guzel Isler Dernegi (GID)** Bergama, Turkey  
*Volunteer* *Summer 2023*
  - In collaboration with Best Buddies International, visited and supported children with special needs in public schools and at various events.
- **CIP Nature** Istanbul, Turkey  
*Volunteer* *Spring 2019*
  - Initiated campaigns and events aimed at reducing plastic usage and waste in Kadikoy and the Sabanci campus.