

Defne Deda

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EDUCATION

Northwestern University: Weinberg College of Arts and Sciences

Evanston, IL

Bachelor of Arts Degree, June 2025

Majors: Computer Science and Psychology

GPA: 3.68/4.00

TECHNICAL SKILLS

Programs: Python, R, React, JavaScript, Racket, Glide, Photoshop, Sketchbook Pro, Adobe Express, Canva.

TECHNICAL PROJECTS

Multivariable Calculus – Polar and Cartesian Coordinates

October 2022 - Present

- Used Python to make a program that does the conversion of polar and cartesian systems using math and cmath libraries.
- The program solved the problems it faced with 100% accuracy, getting 85% approval rate from students.

Hangman Project

July 2022

- Utilized Python to create an interactive game that draws from a database, using string and random libraries.

TECHNICAL EXPERIENCE

Undergraduate Teaching Assistant | COMP SCI 110

September 2022 - Present

- Directly introduced 13 students to the fundamentals of computer programming in Python through tutorial sessions.
- Held weekly office hours open to 270 students to educate students on program design, construction, and testing.
- Debugged students' code to create an efficient program.

Freelance Graphic Design and Logo Creation

May 2022 - Present

- Collaborated with a software developer to rebrand CRACO, which is an accessible and comprehensible configuration layer for Create React App, downloaded by 1.8 million per month by making an appropriate logo and a brand book.
- Cooperated with a software developer to create a macOS logo for Switch Presence, a cross-platform desktop application.

WORK EXPERIENCE

VIS Technology Manual Quality Assurance Tester

August 2022

- Designed, developed, and implemented manual quality assurance tests to maintain a business software tool.
- Internalized customer expectations by finding bugs.

Counseling and Tutoring Service | Founder & Lead Tutor

September 2020 - September 2021

- Founded an international university application and educational tutoring business, that enabled students to apply to universities in the UK, USA, Netherlands, and Canada, where counseled students have a 100% rate of being accepted.
- Counseled and tutored 30+ students and led a team of 10 employees.

LEADERSHIP ACTIVITIES

Responsible AI Student Organization, RAISO | Vice President of Finance

January 2021 - Present

- Transferred the funding from the Computer Science Department to the Student Organization Finance Office.
- Managed the budget of 7.6k\$ by allocating it to all committees and ensuring reimbursements were received.

Mayfest | Promotions Committee Member

October 2020 - Present

- Collaborated with InkTank Merchandise to design clothing items to be sold, which generated 10k\$ revenue.
- Analyzed engagement data and thus implemented various social media strategies such as interactive posts that resulted in 75% more engagement in the short term and 260% more engagement in the long term.
- Designed stickers and line-up posters with 2 other members to be distributed campus wide.

SKILLS

- **Languages:** Turkish (Native), English (Fluent)