

SAID YAKA

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EDUCATION

Northwestern University, McCormick School of Engineering Evanston, Illinois ·

Bachelor of Science in Computer Science, Anticipated June 2023

- Relevant Coursework: Fundamentals of Computer Programming 1&2; Design/Thinking/ Communication; Engineering Analysis

Pioneer Academy, Wayne, NJ

High School Degree, Valedictorian, Graduated June 2019

PROJECTS

Northwestern Community Messaging App, Evanston, Illinois

Project Developer, October 2019 - Present

- Conducted targeted survey on 150 Northwestern students' mobile application habits, compiled detailed data on user behavior, and contributed to the design of a Northwestern exclusive chat platform
- Implemented Gifted-Chat UI using Expo and React Native, optimized data allocation using Firebase
- Designed app interface and icons using Photoshop and Illustrator

Assistive Device for Disabled Artists Project, Evanston, Illinois

Software Developer, September 2019 - December 2019

- Assessed the routine needs of a severely disabled artist through client meetings and designed a comprehensive plan to create an automated painting device
- Coded an Arduino software in C to control the assistive painting device powered by a smart plug
- Contributed original observations to final report that explains the R&D engineering process

ACTIVITIES

IEEE Northwestern Chapter, Evanston, Illinois

Application Developer, September 2019 - Present

- Coded exclusive chat application for IOS and Android platforms to be used by Northwestern students
- Worked on back and front-end code, implemented in the final design

Northwestern Robotics Club, Evanston, Illinois

Programmer, September 2019 - Present

- Contributed Autonomous software for Midwest Robotics Design Competition using light and weight sensors
- Attended weekly design meetings and designed the ball-shooting system for competition

LEADERSHIP EXPERIENCE

Piotech Robotics Team, Wayne, New Jersey

Alumni Advisor, June 2019 - Present

- Helped recruit 4 new members, conducted meetings with new members and taught Java programming
- Read and proofread code to be used in robot automation, and optimization
- Designed team logo and graphics; executed merchandise creation for fundraising events

SKILLS

Computer: Proficient in Java, Swift, MatLab, C, Photoshop; Familiar with C++, Javascript, CAD, Firebase

Languages: Native Proficiency in Turkish and English