

DOGA COBANOGLU

646-249-9919 | doga.cobanoglu@columbia.edu | LinkedIn/dogacobanoglu | GitHub/dogacobanoglu

EDUCATION

Columbia University, School of Engineering and Applied Science

New York, NY

B.S.E. in Computer Science with Entrepreneurship & Technology Minor

Expected May 2025

GPA: 3.7 / 4.0 | **Honors:** Dean's List

- **Relevant Coursework:** Multivariable Calculus, Theory of Computer Science, Probability, Discrete Math (Python), Data Structures and Algorithms (Java), Advanced Programming (C++), Artificial Intelligence (Python), Machine Learning, Databases (MySQL), Natural Language Processing, Computer Systems (MIPS), Project Management

WORK & LEADERSHIP EXPERIENCE

Uber Technologies, Inc.

San Francisco, CA

Software Engineering Intern – Early Engagement Eater Growth Team

May 2024 – Aug 2024

- Collaborated with three full-time software engineers to implement a bundled incentive project targeted to convert 10 million Sporadic users to Uber One members in 9 countries internationally across 30+ Uber Eats surfaces.
- Architected surface changes through new Go APIs for corresponding screen and components, UI/UX tool Display Config, Rosetta strings for multiple languages/currencies, Flipr Keys to enable screens, and identified edge cases.
- Tested utilizing deputy testing of Sporadics test account, Citrus Experiment A/B testing, and alerting/monitoring.

UberSTAR Software Engineering Intern – SubmitQueue Infrastructure Team

May 2023 – Aug 2023

- Implemented new Java API to existing SubmitQueue continuous integration & development platform to query user in MySQL and utilized unit testing and databases migration launching to 27,000 engineers across 48 global offices.
- Developed user landing page in SubmitQueue UI using React, Typescript, GraphQL, FusionJS, and Figma.
- Designed new UI/UX, performed JSON rerouting, and resolved GitHub bugs to launch version 2 of SubmitQueue.

InspiritAI

New York, NY

Machine Learning, AI Engineer

June 2022 – Sept 2022

- Instructed 80+ students of ages 8-17 in 5 continents on the fundamentals of AI: Computer vision, NLPs, regression models, computer graphics, machine learning models, and neural networks to create individual personal projects.
- Programmed improvements to the InspiritAI curriculum with Python libraries (Seaborn, Pandas, PyTorch, Numpy).

Columbia Robotics and Rehabilitation AI Laboratory

New York, NY

Undergraduate Researcher

Dec 2021 – May 2022

- Examined 30,000+ EEG data points on SCI patient's motions using wheel chair-mounted robot for postural support
- Inputted data to Keras ML program to curate a patient-personalized VR rehabilitation with 92% strategic accuracy.

National Aeronautics and Space Administration (NASA)

New York, NY

UI/UX Application Design Intern

Sept 2021 – May 2022

- Co-built a micro-spine gripper robot to carry a 25kg scientific payload on Lunar surface.
- Developed 3D SolidWorks structures to curate a stimulation of the slithering tandem on a crater of 45° slopes.

PROJECTS

Venture Technology Dashboard | Software Engineering Intern

Jan 2023

- Created a visual UI environment to display the database metrics using to enable access to annual TLO patents, invention reports, and production inventors by industry. Technologies used: HTML, dJango, NodeJS, and MySQL.
- Built 25,000+ access to Python user login portal with dynamic URLs, tree structure for data queries & encryption.

SignToWord (Patent-Pending) | Founder

Jul 2022

- Integrated Sign Language (BSL) with Java voice recognition API & Google Cloud to process user's voice input.
- Rendered a sign language translation IOS app on React Native launched to 200+ hearing-impaired individuals.

Almaworks Fellowship in New York City | President and Co-Founder

Jul 2022

- Led 100+ Columbia undergraduates 8 week internships in technology, design, & finance with select start-ups.
- Networked with start-ups founded by Columbia alumni in AI, Fintech, Crypto, Biotech, Blockchain, AR/VR, SaaS.

SKILLS & LANGUAGES

Software: Python 3, JavaScript ES7, Java 17, HTML5, React Native, C++ 17, CSS3, Go, MySQL, NodeJS, TypeScript

Environment/Tools: Seaborn, Pandas, AWS, PyTorch, Numpy, Keras, Git, Flask, Docker, Google Cloud Platform

Languages: English (Native), Turkish (Native), French (Working Proficiency), Sign Language (Conversational)