

# Sabri Umut Sönmez

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## EXPERIENCE

### Engineering Intern, StrongArm Technologies | January 2020–Present

Part of the engineering team to help make improvements to the Admin Dashboard and perform quality assurance to the Dock App using Detox, JEST, and JUnit.

Utilizing complex smart sensors and machine learning to effectively develop, manufacture and deploy the next generation of industrial safety equipment

### Software Development Intern, echoAR(Techstars '19) | September 2019– December 2019

Contributing to the development of a real-time content management system and content delivery network that enables developers & creators to build, ship, and scale augmented reality (AR) apps within minutes and grow their businesses.

Building and testing a cross-platform cloud engine with geolocation support that allows users to upload, manage, and publish AR models without the need for code.

### Software Development Intern, WildCardNYC | September 2018– June 2019

Expanded, refined, developed, and learned new coding skills on multiple platforms such as Xamarin and Xcode. Performed Quality Assurance and UI tested products. Explored a career path in software engineering in a highly technical team

### Tutor, Math and Computer Science Learning Center at Lehman College | Tech Tutor Program | November 2018 - Present

Working as a tutor at the student support service offering Lehman College students free tutoring in mathematics from basic skills through Calculus 1, as well as in statistics, Java, and Maple.

### Soccer Referee, Westchester Youth Soccer League | February 2013 - Present

Overseen thousands of games from 60+ clubs over the course of 6 years. Enforced the rules of the game, kept records and reported results to the database. Won Male Youth Referee of the Year Award in 2015 Spring Season.

## PROJECTS

### SmackApp — iOS chat app

An extensive chat app that mimics a stripped down Slack app. Following a course on Udemy and DevSlopes this was the most challenging app I worked on; I learned critical skills such as using APIs and integrating REST, JSON, Alamofire, SwiftyJSON, and socket.io.

### Concentration — iOS Card Game

The Concentration/Memory game on an iOS device, including two themes, Lottie Animations, and UIButton animations. Win by matching the most cards. Learned to use access control (private, private(set), fileprivate, asserts), extensions, computed properties, static properties, lazy variables, enums, and static/mutating methods.

### MovieAppAndroid — Android Entertainment App

Authored the Room Database with movie data. Provided direct access to the underlying database implementation using DAO classes. Used CardViews to display information, as well as Swipe Gestures to delete entries from database, and a FAB icon to add movies to it.

### NumberSense (LehmanHacks'19 Finalist & MLH Winner) — Educational App for kids

Finished in second place out of more than 40 teams participating. Developed the full mobile backend and frontend. Implemented CoreML machine learning to recognize handwriting in order to create an educational app that tackles learning disabilities.

SCAN ME



## EDUCATION

### Macaulay Honors College at Lehman College, Bronx, NY

Bachelors of Computer Science

Graduation Date: May 2021

3.8 Cumulative GPA

Dean's List 2017–2019

Presidential Scholar 2018

## SKILLS

### Programming Languages:

Java, Swift, JavaScript, HTML/CSS, Git, React

### Testing Frameworks:

XCTest, XCUITest

### Databases:

PostgreSQL, Room

### Languages:

Fluent: English, Turkish

Elementary: Spanish

## AFFILIATIONS

The NYC Tech Talent Pipeline (TTP) Student

Member of National Society of Black Engineers (NSBE) and the Society of Hispanic Professional Engineers (SHPE)

Member of Soccer Team 2017 – 2018, CUNYAC 2017 Champions.

Member of Macaulay Film and Media Club

Member of FFFu Trails Club