

# Roesha Nigos

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## EDUCATION

**Texas A&M University, College Station, TX**

**Expected Graduation: May 2021**

Bachelor of Science in Engineering

- Computer Science Honors Student
- Dean's Honor Roll || GPA: 3.90/4.00

Relevant Coursework

- Data Structures, Discrete Mathematics, Computer Organization, Database Systems, Linear Algebra, and Statistics

## WORK EXPERIENCE

**Incoming Software Engineering Intern at Facebook, Menlo Park, CA**

**Upcoming on May 2019**

- Will be returning to Facebook to help connect people all over the world.

**Facebook University iOS Engineering Intern, Menlo Park, CA**

**June 2018 - August 2018**

- Underwent a three-week training course on iOS Development and built different iOS programs every week.
- Created an advanced iOS mobile application with another intern in five weeks and presented final product to an audience of more than 180 interns and managers.
- Collaborated with a Software Engineer to set project milestones and goals to drive the direction of the project.

**Computer Science and Engineering Peer Teacher, College Station, TX**

**Sept 2018 - Present**

- Currently working under a professor to teach freshmen an introduction course to C/C++ and Data Structures.
- Holding office hours to help students with debugging, syntax, program flows, and more.

## PROJECTS

**VOPP, Facebook University of iOS Engineering Project**

Objective C, Node.js, JavaScript, HTML, CSS, Parse || [github.com/socialImpactApp/SIAppInitial](https://github.com/socialImpactApp/SIAppInitial)

- An iOS app that allows users to find and create local volunteer opportunities based on name, location, and tags.
- Used Cocoa Touch Frameworks for developing the program flow, deployed a Parse backend database, integrated Apple Maps API for location services, used Facebook SDKs for sharing content to Facebook, and set up a web server with Node.js that allowed redirection within native apps.

**ENGAGE, HACKMIT 2018 Project**

Python, JavaScript, PHP, Microsoft Azure || [github.com/Engauge/engage](https://github.com/Engauge/engage)

- Used Microsoft Azure's Video Indexer and Face API's to graph emotional engagement over time, extract key words, and pinpoint key people in a given user-inputted video stored in Video Indexer's database.

## SKILLS

**Technical Languages**

- C++, Objective C, Python, JavaScript, MATLAB, Haskell, Web Development Markup Languages

**Software**

- Git, iOS Development, LaTeX, RStudio, LabVIEW

**Other Skills**

- POS System, proficient in the Design Process, Patent Searching, Filing of Provisional Patents, MS Office Suite

## LEADERSHIP AND INVOLVEMENT

**Zachry Leadership Program**

**Jan 2019 – Present**

- Actively engaging with the program's cohort members to help each other develop personal and leadership growth.
- Learning about different business models and its values as well as the integration free enterprise system in our society.

**Aggie Miracle || Community Engagement Committee Member**

**Sept 2018 - Present**

- Spreading awareness through school-wide events to support children's healthcare in a Children's Miracle Hospital
- Raising funds throughout the whole school year to ensure children are provided life-saving equipment.