

# Toyoabasi Udosen

Houston, Texas

☎ (346) 381-5041 | ✉ toyo.i.udosen@gmail.com | 📷 tyudosen | 🌐 toyoudosen

## Education

### Sam Houston State University

Huntsville, Texas

B.S. IN COMPUTER SCIENCE AND ENGINEERING

May 2020

- Biology Minor
- **Relevant courses:** Data structures, Software engineering, Database management, Human computer interaction.

## Work Experience

### NANCO

Houston, Texas

SOFTWARE DEVELOPER, INTERN

May 2017 - Present

- Contributed to development of 2 projects using Javascript and NodeJS.
- Implemented automated testing using Jest testing framework.
- Leveraged knowledge in Full Stack Development, JavaScript, and Git.

### Best Buy

Houston, Texas

CUSTOMER SERVICE/GEEK SQUAD

Sep. 2016 - Present

- Helped raise Geek Squad Protection Plan sold by 10 percent, by leveraging my communication and sales skills
- Diagnosed client technology issues, utilizing specialty software and made solution based recommendation to clients.

### Sam Houston State University

Huntsville, Texas

TUTOR

Jun. 2019 - Mar. 2020

- Provide private or group instruction in programming fundamentals to individual or small group of students. Provided guidance and support to students in C++, Ada, and JavaScript

## Relevant Technology Experience

### Software Engineering Capstone Project ( Group Project )

Base Blocks

- Worked with a team of 5 to Develop an Android app using C# and the Unity Game Engine for the Library of Virtual Manipulatives that allows kids to learn the basics of arithmetic.
- Incorporated persistent data storage to store users and archive scores.
- Managed user creation and stored their game progress in real-time
- Application was developed based on the Agile methodology.

- Utilized: C#, Unity, Firebase

### Task Manager API

Personal project

- Developed a RESTful backend server using NodeJs, Express and MongoDB enabling users to perform all CRUD operations necessary to create an account and tasks.
- Implemented user authentication using jsonwebtokens, allowing users to have multiple login sessions on different devices.
- Implemented file uploads using the Multer package from npm. Allowing users to upload files.
- Implemented automated emails to users on sign up, and account deletion using Sendgrid API
- Utilized: NodeJs, Express, Sendgrid, Bcrypt, JSON web-tokens, Mongoose, Multer

### Weather Site

Personal project

- Utilized: NodeJs, Express, HTML, CSS, Handlebars, Mapbox API, Weatherstack API

### Real time chat application

Personal project

- Developed a web application using NodeJs, HTML, CSS and JavaScript that allows users to get weather information for any location
- Developed a web application using NodeJS and Socket.io that allows users to chat in real time
- Utilized: NodeJs, Express, Socket.io, HTML, CSS

## Skills

**Programming** JavaScript, C/C++, ADA, HTML, CSS, SCSS, NodeJs, Express, React

**Other** Agile, Linux, Heroku, Postman, MongoDB