

# Nahian Alam

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## EDUCATION

### THE UNIVERSITY OF TEXAS AT ARLINGTON

**BS IN COMPUTER SCIENCE**  
August 2017 - May 2021  
College of Engineering  
Dean's List  
Honors College  
GPA: 3.86 / 4.0

## LINKS

Github:// [nahianalam18](#)  
LinkedIn:// [nahianalam](#)

## SKILLS

### Programming Languages:

C++, C, C#, Javascript, Java,  
Python, Swift

### Frameworks:

React, React-Native, ExpressJS,  
Flutter, .NET, FlaskPy, SwiftUI  
LaTeX

### Databases:

MS SQL Server, MYSQL

### Tools:

Git, Agile, UNIX, Visual Studio,  
XCode

## COURSEWORK

Algorithms and Data Structures  
Object Oriented Programming  
Computer Networks  
Operating Systems  
Artificial Intelligence  
Database Systems  
Fundamentals of Software -  
Engineering  
Computer Graphics

## AWARDS

HackSMU 2019 - **1st Place and  
Best Mobile Project**  
UTA - **Maverick Academic  
Scholarship**

## EXPERIENCE

### SOFTWARE ENGINEERING INTERN | BECHT

December 2020 - Present | Houston, TX

- Designed and implemented the front end and back end of an application that generates the company's revenue report over a period of time using C#, Razor Pages, and .NET SDK
- Developed automated time entry after completion of a service in Becht Connect by making real time changes to Azure cloud services using ASP .NET Core and MS SQL Server
- Deployed a REST API that automates the workflow of incoming projects and updates existing projects utilizing MVC architecture.

### UNDERGRADUATE RESEARCH ASSISTANT | UT ARLINGTON

Feb 2020 - July 2020 | Arlington, TX

- Implemented Virtual Reality simulation to a focused group with the goal of assessing accessibility and pursue cognitive training of residents aged 60+.
- Integrated object models in a 3D space to mimic the ride-sharing and navigation experience.

### RESIDENT ASSISTANT | UT ARLINGTON

August 2018 - December 2020 | Arlington, TX

- Facilitated the social, academic, and personal adjustment of around 500 students to the residence hall and university.

### SUMMER INTERN | RANKS TEL

May 2018 - July 2018 | Dhaka, Bangladesh

- Developed an internal web application that optimized day to day activities such as time logging and appointment scheduling using PHP and MySQL.

## PROJECTS

### ACME - IOS WEB BROWSER | SWIFTUI

March 2021

- Built an IOS app that browses the web, intercepts URL changes and updates the view of the user in the User Interface.
- Integrated multiple tabs, navigation between pages that have been browsed in the existing session, and reloading the current web page.

### REKNIT | REACT, PYTHON FLASK

April 2020

- Implemented a clean and responsive User Interface that leveraged centralized state management for ease of handling and maintaining data consistency.