# Mostak Ahmed

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## SUMMARY

Seeking a summer internship in a software position that will allow me to explore career options related to computer engineering. Hard working and motivated student handling managerial work, school, and personal projects. Procient at handling busy schedule, tackling problems with a creative approach, as well as building professional relationships. Always eager to learn more about the tech eld and deepen my knowledge and understanding of computer engineering.

## EDUCATION

**Texas AM University** College Station, TX

Bachelor of Science in Computer Engineering and Electrical Engineering (CEEN)
Minor in Cyber Security and Mathematics

## WORK EXPERIENCE

**ICBCS** College Station, TX                                                      Jan 2018 - Present
*Student Center Manager*

- Served as primary liaison between sta and Board of Directors.

- Led sta scheduling and oversaw completion of employee checklist.

- Organized events with over 200 people from diverse backgrounds including students, professors, teens, and young children.

- Designed dynamic education programming, inviting keynote speakers from multiple cities and leading their hospitality eorts.

- Assisted with fundraising efforts to reach target goal of operation ($200K).

- Managed the 6500 square foot Student Center to ensure a comfortable experience for all.

## PROJECTS

**Client Server Project**
Created a client program that connects to a given server where the server holds patient data. The goal of the client program is to send proper messages that the server would then be able to answer in return. The program was able to request specic data points or request whole files based on the given server command.

**TAMU Datathon ConocoPhilips Challenge**
Developed data cleaning techniques for 107 of ConocoPhilips's stripper wells sensors using numpy and pandas. Implemented a neural network and random forest models to predict failures in stripper wells.

**CSCE 313 Shell Project** Designed a simple unix shell that implemented a subset of the functionality of BASH such as input/output redirection to a file, piping from one command to the input of another, as well as printing out current directory, and user info.

**Arduino Quadcopter Project** Working on an Arduino based flight controller. Completed hardware design of main body including the use of gyroscope, 4 motors and their accompanying ESC's, and wireless receiver.

## TECHNICAL STRENGTHS

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|---|---|
| **Languages** | C++, Python, HTML, CSS, MATLAB, LabView, Verliog, LaTeX, Arduino |
| **Operating Systems** | Linux, Windows |
| **Development Tools** | Visual Studio, GitHub/Git |

## CURRENTLY LEARNING/GOALS

Working on a better understanding of neural network libraries such as Keras. Also working on web design projects such as a review website for data structures and algorithms.