

# Mohsiur Rahman

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## EDUCATION

**State University of New York at Buffalo** - *B.S Computer Engineering Sep 2013 - Aug 2017*

- Inter Greek Council - *Secretary (September 2016 - Present)*
  - Integrated Google Drive system and introduced a point system to increase participation amongst Greek Life by 50%.
- Sigma Pi Fraternity International - *Vice President (June 2015 - May 2016)*
  - Managed 10 committees and Increased productivity amongst members with 50 hours of community service, \$2000 donated to charities.

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## PROJECTS - more at [github.com/mohsiur](https://github.com/mohsiur)

**Bar Hopper** - *Android/Web Application using Ionic, Angular and Firebase*  
[mohsiur.github.io/bar-hopping/](https://mohsiur.github.io/bar-hopping/)

Lead a team of 3 with Agile Development Methodology, to build a location aware application to find closest bars around your area.

**Image Processing** - *Python Application to detect edges and perform Hough Transform to detect circles* [github.com/mohsiur/image-processing](https://github.com/mohsiur/image-processing)

**Sound Reactive T-Shirt** - *Using an Arduino based board in C* [github.com/mohsiur/bassman](https://github.com/mohsiur/bassman)

**Bomberman** - *Clone of Bomberman using an ARM Processor in Assembly*  
[github.com/mohsiur/bomberman](https://github.com/mohsiur/bomberman)

**Calendar Productivity** - *Command Line Application in C* [github.com/mohsiur/Calendar-App](https://github.com/mohsiur/Calendar-App)

Lead a team of 3 to build a calendar application with ability to add and load reminders.

**Football Simulator** - *Java Application* [github.com/mohsiur/football-sim](https://github.com/mohsiur/football-sim)

Manage a team of 3 to make a football simulator with embedded functionality to search results across web in Java.

**Wallpaper Bot** - *Reddit Bot in Python* [github.com/mohsiur/reddit-wallpaper-bot](https://github.com/mohsiur/reddit-wallpaper-bot)

**XINU Shell** - *Shell Commands for XINU Router* [github.com/mohsiur/xinu\\_mips](https://github.com/mohsiur/xinu_mips)

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## SKILLS

**Programming** Java, Javascript, C++, C, PHP, Assembly (ARM).

**Web/App Development** Ionic, Angular 1, jQuery, HTML, CSS.

**Backend** Firebase, MySQL.

**Operating System and Other tools** Linux, Windows, Git, Vim, Markdown.