

# ISHABUL HAQUE

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## EDUCATION

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**Stony Brook University**, Stony Brook, NY

May 2021

Bachelor of Engineering in Computer Engineering

**Relevant Coursework:** Digital Designs Using VHDL and PLDs, Digital Systems Designs, Electrical Circuit Analysis, Embedded Microcontroller Systems Design, Embedded Microprocessor Systems Designs, Integrated Electronics, Data Structures and Algorithms

## EXPERIENCE

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**Software Engineering Intern**

July 2020 - August 2020

*Lineup-App*

*New York, NY*

- Analyzed dozens of code defects and implemented solutions for public release
- Modified design and structure of Lineup App to work for all iOS devices using the React Native framework

**Software Engineer**

June 2020 - Present

*Zerxa*

*New York, NY*

- Increased user visits by 25% through the implementation of numerous widgets using Javascript
- Managing and updating Squarespace website for publication of dozens of articles daily
- Developing a new custom website for the Zerxa team using the React framework for increased customization and addition of new features for journalists to implement in their articles

**Vice President**

January 2020 - May 2020

*Stony Brook Computing Society (SBCS)*

*New York, NY*

- Managing the day to day operations of SBCS to organize academic, professional and social events
- Founded Special Interest Groups (SIGS) to allow students to create and join specialized topics in CS

**Community Chair**

May 2019 - December 2019

- Coordinated and delegated tasks to club representatives to assist with and run events
- Organized numerous community events and technical workshops

## PROJECTS

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· **Burger Builder** - *React.js and Redux.js*

May 2020 - August 2020

Application designed to build a user their own burger and allowing them to create an account and save their order using the Firebase REST API

· **Environment Monitoring System** - *C and Assembly*

January 2020 - May 2020

System designed to collect temperature, pressure, and humidity and display it to the user through an LED operated with the ARM Cortex Microcontroller. The data was collected using the BME 680 Sensor API

· **Hope Somewhere** - *Javascript*

January 2019

Heat map of the United States that provides a unique perspective on population gender balance. Created during HackBU using the Heatmap API.

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++

**Web Development:** HTML, CSS, Javascript (React.js, Vue.js, Node.js)

**Hardware Skills:** PSpice, CAD, Assembly, VHDL

**Technical Skills:** Git, React Native, Flutter