

# Rijish Ganguly

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## EDUCATION

### DUKE UNIVERSITY

#### MS IN COMPUTER ENGINEERING

Duke Graduate School  
May 2020 | Durham, NC

### BOSTON UNIVERSITY

#### BS IN COMPUTER AND ELECTRICAL ENGINEERING, CUM LAUDE

College of Engineering  
May 2018 | Boston, MA

## LINKS

Github:// [rijish45](#)  
LinkedIn:// [rijish-ganguly](#)  
Website:// [Rijish Ganguly](#)

## COURSEWORK

### UNDERGRADUATE

Computer Networks  
Computer Systems  
Software Engineering  
Computer Organization  
Applied Algorithms  
Software Design with C#  
Advanced Data Structures

### ONGOING GRADUATE

Databases  
Computer Security  
Machine Learning  
Robust Server Software  
Software Engineering  
Systems Programming  
Distributed Systems

## SKILLS

### PROGRAMMING

Over 1000 lines:

C++ • Java • C# • C

• Python

Web Development

Javascript • HTML5 • CSS • Bootstrap •

Node.js • Django

Familiar:

Arduino • Android

### PLATFORMS

Windows • Ubuntu • CentOS

## EXPERIENCE

### BOSTON UNIVERSITY | COURSE ASSISTANT

From September 2016 - Present | Boston, MA

- Assisted Professor Duan with Engineering Thermodynamics (ME304)
- Acted as TA for Electric Circuit Theory (EK307) under Professor Lee. (2 times)

### BOSTON UNIVERSITY | RESIDENT ASSISTANT

From May 2016 - Present | Boston, MA

- As a Resident Assistant, played a unique role in guiding, encouraging, directing, and helping other students.

### TECHNOLOGY INNOVATION SCHOLAR | SCHOLAR

October 2015 – Present | Boston, MA

- Gave interactive presentations that frame engineering as essential to our quality of life to high school students.

### CIVTECT INDIA PRIVATE LIMITED | SUMMER INTERN

May 2015 – August 2015 | Calcutta, India

- As a company representative met clients and provided business solutions.
- Observed and analyzed the work progress at several construction sites.

## RESEARCH

### CROSS-DISCIPLINARY INTEGRATION OF DESIGN AUTOMATION RESEARCH | UNDERGRAD RESEARCH

September 2015 – December 2015 | Boston, MA

Worked with **Douglas Densmore** to create Phagebook, which serves as a social networking interface incorporating lab inventory management and project/personnel networking.

### INTERFACIAL FLUID DYNAMICS LABORATORY | UNDERGRADUATE RESEARCHER

Feb 2016 – May 2016 | Boston, MA

Was responsible for setting up laboratory apparatus for observing the effect of fluid mechanics on incubated CHO cells under Professor James Bird.

### COLLEGE OF ENGINEERING | UNDERGRADUATE DESIGN EXPERIENCE

September 2017 – Present | Boston, MA

Worked in a team to develop a smart wheelchair with depth sensing camera and robotic arms to operate door knobs and elevator buttons.

## AWARDS

|           |   |
|-----------|---|
| 2018      | Eta Kappa Nu Honor Society                    |
| 2018      | Boston University Student Leader Alumni Award |
| 2018      | Boston University Student Advisor Award       |
| 2014-2018 | Dean's List                                   |
| 2014      | NSCS scholar                                  |

## INTERESTS

Software Systems • Finance • Machine Learning