

# Ritaban Mukherjee

8 Emerson Avenue, Jersey City, NJ 07306  
862-241-9922 | rmukher1@stevens.edu

- OBJECTIVE:** To secure a full-time position in the fields of Electrical Engineering or Web Development.
- EDUCATION:** **Stevens Institute of Technology**, Hoboken, NJ  
**Bachelor of Engineering in Electrical Engineering with Honor** May 2018  
**Awards:** Stevens Global Scholarship; Dean's List
- ACADEMIC:** Differential Equations; Math for EE; Engineering Design I-VIII; E&M; Electronic Circuits; Microprocessor Systems; Engineering Economics; Intro to Wireless Systems; Digital Signal Processing; Intro to Communication Systems; Wireless Communications; Wireless Systems Security; Digital System Design; Intro to Power Engineering; Smart Grid
- EXPERIENCE:** **US Navy Naval Air Systems Command**, Lakehurst, NJ 8/17 - 5/18  
Electrical Engineer in Senior Design project
- Worked on a Mechanized Ordnance Carrier/Loader for use on US Navy aircraft carriers
  - Designed and built entire circuit using power AGM batteries, NI MyRIO, Arduino Mega 2560, ultrasonic sensors, fuses and brushed DC gearmotors
  - Created website for the project (<https://mocl-stevens.github.io/>)
- TD Ameritrade**, Jersey City, NJ 1/16-5/16  
Web Development Intern
- Participated in the creation of the company's IT inventory list using Excel
  - Created a web page using Node.js and D3.js to display the company's IT infrastructure using graphs and other visual devices
  - Used Ruby on Rails to create a new IT asset management website in collaboration with another intern
- Arun Sign Advertising Service Pvt. Ltd.**, Calcutta, West Bengal, India 7/15-8/15  
Intern
- Conducted research by creating Excel charts on Exhibition Segment in India
- Calcutta Electric Supply Corporation**, Calcutta, West Bengal, India 6/15-7/15  
Trainee
- Created report based on observations of the workings of a coal power plant
- SKILLS:** **Operating Systems:** Windows XP,7,8,10, Ubuntu Linux, Mac OS High Sierra  
**Software:** Sublime Text, Bash Terminal, Microsoft Office, Visual Studio  
**Programming Languages:** C++, Python, HTML, CSS, Node.js, D3.js, Express.js, MongoDB, MATLAB  
**Bilingual:** Fluent in English, Bengali and Hindi
- LEADERSHIP:** **Stevens Institute of Technology**, Hoboken, NJ 9/15 – 11/15  
Emerging Leaders
- ACTIVITIES:** Institute of Electrical and Electronics Engineers (IEEE)
- HOBBIES:** Web Development, Hiking, Photography