

**Local Address**

49 St Stephen St  
Boston, MA 02115

**Ronit Sharma**

(732) 395-1368  
sharma.ro@husky.neu.edu  
www.ronit-sharma.me  
Available January – June 2019

**Permanent Address**

5 Drum Street  
Iselin, NJ 08830

**EDUCATION**

**Northeastern University**, Boston, MA

September 2015- April 2020

College of Engineering

*Bachelor of Science in Computer Engineering & Finance*

GPA: 3.94/4.0

**Courses:**

Object-Oriented Design, Algorithms & Data Structures, Engineering Algorithms, Database Design, Discrete Structures, Digital Logic Design, Embedded Design: Enabling Robotics, Circuits and Signals, Electronics, Corporate Finance, Investments, Financial Accounting and Management

**Activities/Honors:**

Honors Program, Dean's List, Tau Beta Pi: Engineering Honor Society, Eta Kappa Nu: IEEE Honor Society

**EXPERIENCE**

**Johnson & Johnson**, New Brunswick, NJ

January 2018 – June 2018

*Information Technology Co-op, Corporate Business Technology (CBT) Enterprise Architecture*

Technical Experience

- Developed Site End User Incidents, Lifecycle Management, and Application Decommissioning Portals to generate data-driven insights into the status, health, and dynamics of the CBT Portfolio; applied more advanced reporting and analytics solutions by extracting data from the Enterprise Data Lake, writing load scripts, and developing UI according to user requirements from the product owners using SQL, HTML, CSS, Javascript and Qlik Sense Business Intelligence Tool.
- Developed an automation tool to send automated HTML formatted emails to appropriate TAOs based on a standard input Excel Spreadsheet to help shorten the time in the Decommission request process. The tool uses Python 3, Tkinter, Openpyxl Library, and Microsoft Graphs API.
- Designed and created a workflow for IT Finance group to map the ownership/process for submitting financials for a project in CBT using Microsoft Visio

Leadership Experience

- Elected as Technology Chair position on Executive Board of Intern Co-op Association(ICA); responsibilities included providing technical support for all the interns/co-ops within the New Brunswick campus and updating/maintaining ICA SharePoint site
- Organized and coordinated a CBT Leadership Panel & Speed Networking Event at J&J World Headquarters, where a panelist of 6 CBT VPs and Directors spoke to 30 co-ops
- Recipient of 2 Encore Gold Awards, which recognize exceptional performance and enthusiastic commitment to success.

**eResearch Technology Corporation**, Boston, MA

January 2017 - July 2017

*Software Quality Test Engineer Co-op - Systems and Automation*

- Created and performed validation tests as part of a quality engineering team to test software features used in the design of eClinical pharmaceutical studies used around the world
- Assisted Automation Team to develop and improve Robot Framework based Python scripts used to automate manual testing to improve efficiency and validate internal/external projects
- Generated weekly Tableau reports based off of internal data for various teams
- Documented and monitored defects in JIRA and communicated with developers and design analysts to resolve software defects

**Generate: Product Development Studio**, Boston, MA

September 2017 – December 2017

*Build Studio Engineer*

- Designed and developed H-Bridge motor driver circuit with MOSFETs used for the DC Brushed Motor in Stiggy, a modern RC car focused on STEM education; specific configuration allows for polarity/direction change of current to the motor, allowing for the car to move bidirectional and vary its speed.
- Designed and implemented steering system for Stiggy using a 180 degree micro servo and sliding potentiometer
- Created extensive project documentation, technical reports, and presentations for technical audiences and clients

**Northeastern University**, Boston, MA

September 2016 – December 2017

*Teaching Assistant for GE1111: Engineering Problem Solving and Computation*

- Assisted students in developing fundamental programming knowledge. Tutored students in the intricacies of C++ and MATLAB Programming languages
- Led lab sessions to help students familiarize themselves with several Arduino machine science learning kits, better understand C++/Arduino, and bring depth to the programming languages learned in class
- Provided after class office hours to aid students in designing their projects, completing homework assignments, and reviewing concepts and fundamentals
- Evaluated and provided feedback on programming homework, in class demos, and projects

**TECHNICAL SKILLS**

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**Languages:** *Proficient in C++, Python, Java, HTML, CSS, MATLAB*  
*Familiar with SQL, JavaScript*

**Electronics:** Arduino, Circuit Design, Oscilloscopes, Digital Multimeter, Soldering

**Operating Systems:** Mac OS X, Windows

**INTERESTS**

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**Hobbies:** Weightlifting, traveling, new technology, sports, Real Estate (Obtained NJ Real Estate License)