

# RONIT SHARMA

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## EDUCATION

**Northeastern University**, Boston, MA

September 2015 – December 2019

*Candidate for Bachelor of Science in Computer Engineering & Finance*

GPA: 3.95/4.0

**Courses:** Object-Oriented Design, Algorithms & Data, Computer Systems, Mobile App Development

**Activities/Honors:** Honors Program, Dean's List, Tau Beta Pi & Eta Kappa Nu Engineering Honor Societies

## EXPERIENCE

**PricewaterhouseCoopers**, New York, NY

January 2019 – June 2019

*Forensic Technology Solutions Co-op*

- Created a Digital Forensics and Electronic Discovery tool to streamline a summary and reconciliation of exceptions relating to the eDiscovery processing framework using Python, Tkinter, Pandas, SQLite, and Xlsxwriter
- Implemented new features in an accounting quality control tool to incorporate metadata of unsupported external documents using Python and Pandas
- Led nationwide collection and preservation of data from devices placed on legal hold using Forensic Falcon, Macquisition, and CAINE forensic tools
- Assessed current Contract Lifecycle Management(CLM) process for a gas & oil company and provided future state recommendations, demonstrating potential cost savings and reduction of corporate risk
- Received Real Time Recognition Award for achieving noteworthy performance and going above and beyond

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

January 2018 – June 2018

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

- Developed real time Site End User Incidents, Technology Lifecycle Management, and Application Decommissioning Web Mashups to yield actionable data-driven insights into status, health, and dynamics of CBT Portfolio
- Architected solution designs of company data to manage 1,000,000+ opened End User Incident Tickets, 8,000+ business services, 35,000+ applications, 12,000+ servers, and 7,000+ databases using SQL, HTML, CSS, JavaScript and Qlik Sense Business Intelligence Tool
- Generated an automation tool to send HTML formatted emails to application owners based on an input Excel Spreadsheet, reducing time in the Decommission request process by 30%; tool uses Python 3, Tkinter, Openpyxl, and Microsoft Graphs API
- Received 2 Encore Gold Awards for achieving exceptional performance standards for multiple parameters including leadership, participation, and community service

**Northeastern University**, Boston, MA

July 2019 – Present

*Teaching Assistant for CS3000: Algorithms & Data*

- Mentored students in developing fundamental knowledge in building efficient algorithms. Tutored students in intricacies of data structures with the Java Programming language
- Held after class office hours to aid in designing projects/homework and reviewing concepts and key fundamentals
- Evaluated and gave feedback on exams, programming projects, and homework

## PROJECTS

### ExCEllence: Animator Application

- Designed and implemented a real time Java Swing editor/player for 2-D animations using MVC, Builder, and Factory design patterns; features include functional media player, scrubbing, shape layering, shape creation/deletion, animation keyframe creation/modification, loading saved animations, and exporting animations to text or SVG
- Wrote and performed extensive unit test cases on various project modules using Junit Test Framework

### We Out: Meetup Application

- Planned and built an Android social hangout app to organize and plan informal/casual meetups using Java, Firebase, and NoSQL Database; features include real time data synchronization across multiple devices, friend management, event invite creation/modification, and event/friend request notifications

## TECHNICAL SKILLS

**Languages:** C++, Python, Java, HTML, CSS, JavaScript, SQL, MATLAB

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

**IDE/Editors:** IntelliJ, PyCharm, Visual Studio, Android Studio, Sublime Text, Vim

## INTERESTS

**Hobbies:** Weightlifting, Traveling, New Technology, Sports, Real Estate (Obtained NJ Real Estate License)