

# Mohammed Nauman Siddique

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## EDUCATION

Old Dominion University

Norfolk, Virginia, USA

MSc, GPA: 3.86 (Computer Science)

MSc: Dec 2021

Jamia Millia Islamia

New Delhi, India

B. Tech in Computer Engineering, CGPA: 6.6/10

May 2014

## PROGRAMMING SKILLS

Languages: Python, JavaScript, HTML, JAVA, C++, PHP, MySQL, R

Technologies/APIs: Twitter API, D3.js, CI/CD, AWS Serverless, Docker, Android, Tableau, UML, JIRA

## WORKING EXPERIENCE

**Research Assistant (WS-DL Group, ODU), Norfolk, Virginia, USA**

August 2017 – Present

- Working on aggregating 115<sup>th</sup> Congressional deleted tweets from multiple data sources (**Master's Thesis**).
- Working on creating a model to analyze difference between live and deleted 115<sup>th</sup> Congress tweets.
- Working on creating a visualization tool for finding deleted tweets and other tweet information from web archives.

**Teaching Instructor for Undergraduate Advanced Level C++ Course (ODU)**

Fall 2019 – Present

- Conduct labs, recitations, and office hours, grade assignments and projects.
- Develop examination questions and assignments, develop lab modules.

**Teaching Assistant for Undergraduate and Graduate Courses (ODU)**

Fall 2017 - Fall 2018

- Information Retrieval (Fall 2021) - Graduate Level Course
- Computers in Society (Spring 2018 – Fall 2018)
- Operating Systems (Fall 2017)

**Software Developer, Harman Connected Services, Gurgaon, India**

Feb 2015 - June 2017

- Developed Harman IoT Gateway and APIs for IoT cloud services, which was used by clients such as VMWare, AMX, NXP, British Telecom, AT&T, Entrust etc.
- Communicated with VMWare Engineering Team and developed the API design document for Harman IoT Gateway.
- Worked as a lead for two developers and contact for the client for the Tizen-based TWC wearable application.
- Modified existing codebase for Google Weave Protocol and adapted it to support Yocto-based IoT devices.

## PROJECTS/TOOLS

- 2020 Democratic Candidates Twitter Followers (<https://oduwsdl.github.io/2020DemFollowerGraph/>)
- Historical Twitter Follower Count Via Web Archives (<https://github.com/oduwsdl/FollowerCountHistory>)
- TweetedAt: Finding Tweet Timestamps for Pre and Post Snowflake Tweet IDs (<https://oduwsdl.github.io/tweetedat/>)

## SCHOLARSHIPS/AWARDS

- Nominated for Best Teaching Instructor Award (Fall 2017, Spring 2020)
- ODU CS Department MS-Research Track scholarship with 100% tuition fee waiver (Fall 2017)
- Received award in all four bi-annual awards at HARMAN, Hall of Fame Award (Aug. 2015, Dec. 2015, Nov. 2016)
- Going the Extra Mile Award at Harman (Apr. 2016)
- Winner of British Telecom's Connected Cities competition for Smart Parking solution (May 2016)

## TALKS/WORKSHOPS

- Judge for Undergraduate Raspberry PI Contest, CS Department, ODU, Norfolk, USA (Oct. 2020)
- Talk on Congressional Deleted Tweets, Simon Fraser University, Vancouver, Canada (Nov. 2018)
- Archives Unleashed Datathon, Simon Fraser University, Vancouver, Canada (Nov. 2018)
- Judge for Senior Research Project Evaluation, CS Department, ODU, Norfolk, USA (Mar. 2018)