Job Seeker Jersey City, NJ Sponsorship required to work in the US Work Experience New York University September 2017 to December 2017   Designed a Voicer Changer Application with PyAudio and NumPy.   Utilized FFt to process the data to digit type, and filtered the noise. Applied IFFt to change the pitch of the voice and played the changed voice with Stream in the real-time. Software Development Engineer Intern, User Analyze Team, Xiaomi May 2017 to August 2017   Created REST APIs using Spring Boot to collect users' smartphone usage information with Java.   Designed database schemas to store users' smartphone usage information and deployed it in MySQL database cluster.   Designed and applied Spark MLlib machine learning model to evaluate users' behaviors to identify their interests to buy electronic equipment.   Called internal Email service to send emails to users with high interest in buying electronic equipment.   Wrote Junit tests using Mockito (mocking frameworks for Java) to ensure 99% code coverage. Collaborated with product manager to ensure timely delivery of the feature. Python Developer, Load Balancer in a Virtual LAN New York University January 2017 to May 2017   Created a Virtual LAN with Mininet in Linux environment and used Ryu-Controller to connect those different function parts and the Virtual LAN.   Initiated the Virtual LAN and allocated the property to different nodes with NetworkX.   Used the OpenFlow Protocol to control the package transportation between each Virtual Host.   Found the lowest payload road used DP algorithm to send the package with Network-Monitor. Java Developer, Bookkeeping Application New York University September 2016 to December 2016   Designed a Bookkeeping Application to record and analyze the expense of every month.   Created user-interfaces and assigned each function page to different panels with Swing. Generated the consumer report for every month with JFreeChart.   Backed-up the expense information to MySQL database with Hibernate. New York University January 2016 to May 2016 Mined 6000+ raw house records from Craigslist using Python web crawler library Scrapy. Obtained crime data from NYC Open Data and distance data using Google Map API.   Filtered appropriate living places via PySpark considering price, safety and distance in Hadoop.   Utilized Leaflet for R to display the best places to rent in New York based on data. Education M.S. in Electrical Engineering New York University - New York, NY May 2018 Skills PYTHON (Less than 1

year), DATABASE (Less than 1 year), JAVA (Less than 1 year), MYSQL (Less than 1 year), Amazon Elastic Compute Cloud (Less than 1 year) Additional Information SKILLS   Computer Languages: Java, Python, SQL.   Database: MongoDB, Oracle, MySQL, SQLite, PostgreSQL, MSSQL.   Technology: AWS RDS/Lambda/EC2/S3, Bash, Spark.   Operating Systems: Linux, Windows, OS X.

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