ELLISA KHOJA

linkedin.com/in/ellisa-khoja/   ellisa.khoja@gmail.com
github.com/ellisa1419   518-423-7196

EDUCATION

- **University at Albany, SUNY**   Albany, NY
  Master of Science in Computer Science; GPA: 3.8   *Aug 2017 - Dec 2018*

- **Kalol Institute of Technology and Research Center**   Gujarat, India
  Bachelor of Engineering in Computer Engineering; GPA: 3.4   *Aug. 2010 – July. 2014*

PROGRAMMING SKILLS

- **Technologies**: Java, Python, AWS, Docker, REST/Web Services, Angular

- **Databases & Tools**: IntelliJ, Pycharm, Git, MySQL, Postgresql, Oracle , MongoDB

- **Achievements**: Make A Difference Award - Delivery, Cignex Datamatics

EXPERIENCE

- **Fuze - Software Engineer**   New York, NY
  Feb 2019 - Present
  - **Contact Management**: Building scalable API exposed java micro-services for creating and updating contacts data. Connected third-party applications such as Google Contacts, Microsoft Graph Api and Salesforce for on-demand search. Worked on phone and contact resolution from third party services and organization data. Implemented group privacy policies to limit user's visibility. Writing junit testcases and doing database design in MongoDB.

- **SUNY Research Foundation - Research Assistant**   Albany, NY
  Aug 2018 - Dec 2018
  - **PANACEA**: Working with an interdisciplinary team across multiple sites with the goal of identifying the Social Engineering attacks in emails for D.A.R.P.A ASED challenge. Built the stylistic classifier for enron email dataset for authorship verification using Python Email Parser. Predicted DialogActs for chat/email conversations using lexical-syntactical features like N-grams, Stanford POS, Named Entity Tagger and NLTK library.
  - **SimOn**: Applied Data Mining and Data preprocessing techniques on dataset of about 10M records using Python Scripts in Github network. Simulated events for the top 1 million repositories by implementing Markov chains based on sequence of events. Clustered the repositories based on their activeness and events in GitHub using K-Means for a given timeframe.

- **Edwards Lifesciences - Software Engineer Intern**   Irvine, CA
  May 2018 - August 2018
  - **Critical Care - Algorithms**: Collected data from unstructured excel sheet format, pre-processed and imported data into PostgreSQL using Python SQLAlchemy. Parallelized the writes to improve the speed and wrote api to expose the data and read/write queries using python. Explored NoSQL databases like Cassandra for timeseries data. Performed build on ec2 instances and uploaded data to s3 buckets.

- **CIGNEX Datamatics - Software Engineer**   Ahmedabad, India
  July 2014 - July 2017
  - **Hotel Operations Management**: Worked on Hotel Operation project to migrate the project using Java and Spring framework. Worked on front side and server side to implement business logic using MVC design and performed database cleaning. Created and consumed Web Services for restful calls, and worked with JWT tokens for authorization. Configured hudson build to deploy application on production and followed Agile workflows.
  - **Franchise Management Platform**: Developed application in Java and Liferay to manage franchise operations such as create franchise hierarchy for organizations and subdomains, CMS to share content amongst Franchises and assigning roles to users, created messaging portal for posting, announcement and generate notifications, created revenue reports using Jasper and worked on inspection Modules. Created rest services to expose data. Worked on both front end and backend and Database design. Used Java, Liferay 6.x, JQuery, Angular, MySQL, Rest API