Adeeb Sheikh

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EDUCATION	**University of Rochester**, Rochester, New York, USA	
	▪ Honors Bachelor of Arts (Honors B.A.) in Mathematics	Aug 2014 – May 2018
	• Cumulative GPA: 3.77 / 4.00	
	▪ Bachelor of Science (B.S.) in Data Science	Aug 2014 – May 2018
	• Cumulative GPA: 3.77 / 4.00	
	Pittsford Sutherland High School, Pittsford, New York, USA	
	▪ Advanced Regents Diploma with Distinction	Sep 2010 – Jun 2014
	• Cumulative GPA: 3.85 / 4.00	

WORK EXPERIENCE

Wegmans Food Markets, Inc., Rochester, New York, USA

▪ Analyst, *Customer Insights Division* — Sep 2016 – Present
- Apply predictive techniques to extrapolate customer value and churn rate
- Experiment with such techniques through use of Netezza SQL and R

University of Rochester, Rochester, New York, USA

▪ Computer Assistant, *Information-Technology Center* — Aug 2015 – Present
- Provide customer assistance to students and faculty for a wide array of computer and connectivity issues

▪ Teaching Assistant, *Computer Science Department* — Aug 2016 – Dec 2016
- Led problem sessions for students in "Design and Analysis of Efficient Algorithms" class
- Graded homework for "Design and Analysis of Efficient Algorithms" class

▪ REU Fellow, *Mathematics Department* — Jun 2016 – Aug 2016
- Investigated the theory, properties, and applications of pseudo-random graphs

TECHNICAL EXPERIENCE

▪ Social Circle Induction — 2016
- Implemented latent clustering methods for hard mixed-membership clustering
- Implemented data structures to characterize social networks and pairwise similarity vectors
- Written in Java

▪ Nil Statistical Parsing — 2016
- Reads .txt files and inserts words and contexts into a database using SQLite
- Tags part-of-speech for words unsupervised, using class-based n-grams clustering
- Develops stochastic grammars to parse arbitrary sentences
- Written in Java, SQLite

▪ matchaNEAT — 2016
- Implemented "NeuroEvolution of Augmenting Topologies (NEAT)"
- Can breed optimal feed-forward neural networks according to custom fitness functions
- Written in Java

▪ iGGdrasil — 2015
- Social networking adapted for context-free grammar enthusiasts
- Can create grammars and generate parse-trees dynamically using AJAX and Clojure
- Written in HTML/CSS, JavaScript, Python, SQLite

COMPUTER SKILLS

▪ Proficient: Java, HTML/CSS, SQL, LaTeX.

▪ Familiar: Python, C/C++, JavaScript, R, MATLAB.

AWARDS

▪ Dean's List, *University of Rochester* — Fall 2014 – Spring 2016
For attaining a semester GPA of at least 3.4.

▪ Rush Rhees Scholar, *University of Rochester* — May 2014
For stellar academic achievement and strong vision across multiple interests.

▪ National Merit Scholarship Finalist, *National Merit Scholarship Corporation* — Apr 2014
For exceptional performance in the PSAT and SAT and overall academic excellence.

▪ Alice B. Wilson Literary Awards Contest, First Prize, *Brighton Memorial Library* — Jun 2010
Awarded in the Short Fiction section of the Alice B. Wilson Literary Awards Contest.