`SQL> SELECT * FROM Contact_Info WHERE Email='alahlou@u.northwestern.edu'`

Name	Email	Phone	LinkedIn
Adel Lahlou	alahlou @u.northwestern.edu	(703) 389-7931	linkedin.com/in/adellahlou

`SQL> SELECT Summary AS Skills FROM Skills WHERE Email='alahlou@u.northwestern.edu'`

Skills
Languages: Primary – JavaScript, C#   **Secondary –** Python, Java, C++   **Others –** Jade, Spacebars, IA-32 Assembly, Racket   **Favorite Tools:** Node.js, Express, Facebook React, Meteor.js, Gulp.js, MongoDB, PostgreSQL

`SQL> CREATE VIEW Adel AS SELECT * FROM (Experience JOIN Awards ON`
`     Experience.Email=Awards.Email) WHERE Awards.Email='alahlou@u.northwestern.edu'`
`SQL> SELECT Summary AS Education, End AS Grad FROM Adel WHERE Type='edu'`

Education	Grad
Northwestern University, McCormick School of Engineering – *Evanston, Illinois* **Computer Science Major BS/MS, Systems & Software emphasis. Cumulative GPA:** *3.88* **Major GPA:** *4.00* **Relevant Coursework:** Relational Databases, Multi-core Programming, Data Structures**,** Web Dev, Machine Learning	*Spring 2017*

`SQL> SELECT Summary AS [Work Experience], Period FROM Adel WHERE Type='work`

Work Experience	Period
Undergraduate Fellow (Independent Projects) – Mellon Mayes Fellowship, *Northwestern University* • Identified space to grow adoption of Intelligent Tutoring Systems by developing design patterns for Tutors to enable educators, not just researchers, to create these educational tools with minimal training. • Designing SimClass, a design pattern reliant on multi-agent authoring tools that enables constructive, social learning.	*03/2015 -Ongoing*
IT Assistant – School of Education and Social Policy IT, *Northwestern University* • Developed Node app that migrates files from Box to OwnCloud instance using Box's API and Passport for authentication. • Deployed gluster file system nodes for OwnCloud storage, to guarantee privacy for video research and study data. • Manage devices via bash scripts and Absolute Manage deployments on different OS's, including Linux and mobile. • Maintain media suites, devices, teleconferencing systems, and display arrays in University facility. Can't fix printers though.	*11/2014 -Ongoing*
Teacher Assistant – EECS Department, *Northwestern University* • **Fundamentals of Programming I & II –** Held small, group programming tutorials and gave weekly review lectures to reinforce object-oriented design, programming in C++ fundamentals, and coding conventions. • **Web Development –** Reinforced principles of HTML, CSS, and JavaScript and JQuery. Also evaluated graceful degradation and accessible web design for students with technical and non-technical backgrounds. • **Intro to Systems –** Debugged student project programs that included buffer attacks, parallelization, and assembly.	*09/2014 -Ongoing*
Android/Backend Developer – Center for Engineering and Health Project Adherence, *Northwestern University* • Designed a secured REST API deployed on Heroku for medical data using Node.js, Express, and PostgreSQL. • Developed concept app for a Smart Pill-Bottle Cap for clinical trials to monitor and reward proper prescription usage. • Integrated Google Calendar and Gmail to remind pill-users and notify caretakers and doctors on patient status. • Collaborated with different teams that worked on Adherence's website, machine learning, and smart cap hardware.	*01/2015 to 03/2015*
Relational Algebra Arcade – Independent Project, *Northwestern University* • Used Twitter Flight, JQuery UI, and Node.js to create a browser-based relational algebra playground that introduces basic concepts of relational algebra and functional dependencies using a JISON based interpreter.	*12/2014 to 03/2015*
Independent Researcher – Undergraduate Research Program, *Northwestern University* • Proposed project and received grants to evaluate current basic smartphone inertial positioning practices. • Used Android phone and basic robots to collect over 2.1 million data tuples (accelerometer, gyroscope, magnetometer readings) and video data to evaluate origins of relative positioning error in common scenarios. • Explored lightweight, battery efficient algorithms using simple predictive models and context-reliant algorithms.	*06/2014 to 09/2014*

`SQL> SELECT Awards.Name AS [Distinction], Note AS Summary FROM Adel`

Distinction	Summary
2015 McCormick Project Grant	Awarded to continue designing and developing SimClass using GIFT
ReDesignNU Hackathon Emerging Innovators	For rapid development of degree progress and college course recommendation site.
2014 ITA Programming Challenge Finalist	Top 50 finalist in timed programming challenge between 10 Midwest Universities
2014 NU Undergraduate Research Grant	Investigated context-reliant algorithms to improve low overhead inertial positioning
2014 Quest Bridge Service Project Grant	Prototyped Android indoor navigation app for people with visual impairments.
2014 Segal Design Institute Norman Fund Grant	Designed, tested, and prototyped indoor navigation solution using haptics.
2013 Named Buick National Achiever	Recognized for leadership and community work and disadvantaged background.

*Also available in MongoDB Style!