Sameer Khoja

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EDUCATION

CORNELL UNIVERSITY
BS in Computer Science
Expected May 2019 | Ithaca, NY
Cum. GPA: N/A

BS in Information Science
Expected May 2019 | Ithaca, NY
Cum. GPA: N/A
Conc. in Data Science

TEXAS ACADEMY OF MATH AND SCIENCE
Dual Enrollment Program
Expected May 2016 | Denton, TX
Cum. GPA: 4.0

NORTH HILLS PREPARATORY
International Baccalaureate
2012-2014| Irving, Texas
Cum. GPA: 4.0

LINKS

Github:// **samkho10**
LinkedIn:// **sameerkhoja**
Medium:// **@sameerkhoja**
Twitter:// **@samkho10**

SKILLS

PROGRAMMING
JavaScript • PHP/MySQL • Swift •
STATA • HTML/CSS • LaTeX

TECHNOLOGIES
Node.js • Backbone.js • ReactJS •
MongoDB

PROJECTS

SPARK
iOS app that uses the Braintree API to
foster crowdfunding for a cause.

SEAL BREAKER
iOS app that uses the Mashery API to
determine the optimal time to use the
restroom while at a basketball game.

FREEZERAY
iOS app that uses the Chain API to
take bitcoin wallets completely offline
and safe from cyberhacks.

EXPERIENCE

FUNCTION OF BEAUTY | Growth Hacker & Developer Intern
June 2015 - Present | Stamford, CT
- Implemented guerrilla marketing techniques to expand user base, assessed
  which methods were most effective
- Worked directly with the CEO to maximize conversion rates and minimize the
  duration of placing an order
- Ran back-end development of company website, including login function and
  database integration

OFFICE OF SUSTAINABILITY | Operations Intern
June 2014 - June 2015 | University of North Texas
- Analyzed campus-wide survey data on attitudes in sustainability and presented
  findings to the office.
- Received $5,000 grant from the campus Green Fund to execute my own
  initiative, Green in Grid Out. This project challenges students to take their
  phones and laptops off the grid by subscribing to bike energy stations. I plan to
  measure various metrics ranging from calories burned to kW hours offset, as
  well as examining social outcomes.

THE ARGAN TREE | Data Analyst & Developer Intern
June 2013 - July 2013 | McKinney, TX
- Analyzed survey findings to assess the impact of cooperatives on social and
  institutional trust.
- Converted entire website to automatically detect and optimize displays for
  mobile phones.
- Assisted in compiling data for an impact analysis report of the cooperative on
  the status of women in Morocco.

RESEARCH

LABORATORY OF ADVANCED POLYMERS | Head Undergraduate Researcher
Sept 2014 - Present | Denton, TX
Quantified relationship between toughness and brittleness for over a dozen polymers
and metals. Published results in Materials Letters. Currently conducting molecular
dynamics simulation on high-density polyethylene to determine causes of friction,
scratchability and wear. Publication submitted.

AWARDS

2015	National	MIT INSPIRE Finalist
2015	International	Selected to Present in World Forum on Advanced Materials
2015	International	FIRST Robotics - World Qualifiers
2014	National	Verizon Innovative Application Challenge
2014	National	BitHack Winner
2014	International	MIT Zero Robotics
2014	International	Global Cooperative Challenge Finalist
2012	National	Eagle Scout