

SAMEER KHOJA

full-stack engineer and open-source enthusiast

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📁 WORK EXPERIENCE

- **Elympic.io**
Spring 2016
Chief Technology Officer
 - Leading engineering team on developing a minimum viable product.
 - Creating social network platform for players, teams, and sponsors in the e-sports industry.
 - Utilizing web technologies including AWS, Node.js, Galaxy, and MongoLab .
- **Function of Beauty (YC W16)**
June 2014 - July 2015
Full-Stack Developer Intern
 - Developed and maintained a LAMP stack, focusing on authentication and MySQL database management.
 - Worked directly with the CEO to maximize conversion rates and minimize the duration of placing an order.
 - Created platform for iPad kiosk integration, used at YC Demo Day 2016.
- **The Argan Tree**
Summer 2013
Data Analyst & Developer Intern
 - Converted entire website to automatically detect and optimize displays for mobile phones.
 - Analyzed consumer data to compile a risk management report assessing business expansion to other areas of Morocco.
 - Aggregated survey findings to evaluate the impact of cooperatives on social and institutional trust.

🎓 EDUCATION

Cornell University (begins Fall 2016)
BS, Computer Science
Concentration in Machine Learning

Graduating May 2019
GPA: N/A

Texas Academy of Mathematics and Science
Dual Enrollment Program
University of North Texas

Graduating May 2016
GPA: 3.9

🧪 RESEARCH

Google Quantum AI Lab
Remote Researcher (Spring 2016)

Work with professors in the Google Quantum AI Lab to build an analog quantum computer. Focusing on a demonstration of the Kibble-Zurek mechanism for a chain of nine qubits. Using MATLAB to gather experimental data.

☰ SKILLS

Node.js, AWS, LAMP, Swift, Vim, Bash, LaTeX, MATLAB, Python

🔧 PROJECTS

Leave No Trace
Data-driven iOS app that promotes energy conservation. Received 20k grant from Verizon Foundation to implement app.

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

GitTutor
Web app that finds the best tutors on GitHub to learn any language. Built with GitHub API.

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

🏆 AWARDS

- Verizon Innovative App Challenge (2014)
- BitHack Winner (2015)
- MIT Zero Robotics (2014)
- Global Cooperative Challenge Finalist (2014)
- Eagle Scout (2012)