

# 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: 4.0

## 🧪 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)