



# Karson M. Miller

Product Manager specializing in mobile, big data, and NLU technologies.

20 Trace Ln  
Halfmoon Bay, Ca, 94803-2285  
T 516-384-5952  
E karson.m.miller@gmail.com  
W nack.in

## Education

Bachelor of Science in Electrical Engineering | Georgia Institute of Technology  
August 2009-August 2012  
Specializing in telecommunications and security.

## Experience

**PollyEx Head of Product** | San Francisco, Ca April 2019-Current  
Created a realtime secondary market platform for closed home loans.

**Salesforce Director of Product** | San Francisco, Ca April 2016- April 2019  
Managed teams creating scalable realtime deep learning NLU Chatbot systems with enterprise grade UX and APIs.

**Realm Senior Product Manager** | San Francisco, Ca December 2015-April 2016  
Managed teams for Cocoa (iOS, OSX, WatchOS, TVOS), Java, ReactNative, Xamarin, and C++ releases.

**Jobr Senior Product Manager** | San Francisco, Ca January 2015-December 2015  
Managed projects and releases for Android, iOS clients, and a Go backend.

**Microsoft Program Manager** | Redmond, WA Sept 2012-January 2015  
Managed projects for Microsoft releases on Apple platforms, including Office for iPad and iPhone and OneNote for iOS and OSX

**Cisco Systems Engineer** | San Jose, CA May 2010-August 2011  
Worked on wireless LAN controllers and security research for intrusion detection system integration in the Wireless Networking Business Unit.

**Network Consultant** | New York, NY 2007-2009  
Setup and serviced switched and servers for small businesses in the Greater New York area.

**Security Auditor** | New York, NY 2007-2009  
Performed standard penetration tests and gave security advisement for small businesses in the Greater New York area.

**Computer Vision Researcher** | New York, NY 2006-2007  
Worked on a minimalistic computer vision program at Pace University Robotics Laboratory under the direction of Professor Paul Benjamin.

**Lighting Director** | Great Neck, NY 2007-2009  
Designed and setup lights and wiring, programmed and ran a lighting control board at Great Neck Park District's Steppingstone Waterside Theater. Featured such performances as Peter Duchin and Orchestra, Marilyn Michaels and Sha Na Na.

**Stage Crew** | Great Neck, NY 2006-2007  
Setup audio equipment at Great Neck Park District's Steppingstone Waterside Theater.

**More** | 2006-2008

## Research and Awards

**Department of Defense SMART Scholarship Award** | Atlanta, GA 2010-2011  
The SMART Scholarship for Service Program has been established by the Department of Defense to support undergraduate and graduate students pursuing degrees in the disciplines of Science, Technology, Engineering and Mathematics.

**Automated Wired Equivalent Privacy and RC4 Encryption Protection Through 802.11 Wireless Packet Injection** | Great Neck, NY 2008-2009

- 2nd Place, ISEF, Electrical Engineering | International Science and Engineering Fair Reno, NV
- 1st Place and Best in Category, ISEF, Electrical Engineering | Long Island Science Fair
- Finalist, JSHA National Competition | Junior Science and Humanities Symposia
- 2nd Place, JSHA Regional Competition | Junior Science and Humanities Symposia
- United States Air Force | Certificate of Achievement
- Excellence in Research | Great Neck North High School
- Nassau County Legislature | Certificate of Achievement
- Club Scholarship Award | Georgia Tech Alumni Association
- Senator Craig M. Johnson | Certificate of Recognition

**Rapid Generic Object Recognition Through Virtual Environment Mesh Comparison** | Great Neck, NY 2007-2008

- Competition Finalist | Rohm & Haas
- Excellence in Research | Great Neck North High School
- United States Air Force | Certificate of Achievement
- Long Island Science Congress | Participant
- Finalist, ISEF, Electrical Engineering | Long Island Science Fair
- Bausch & Lomb | Science Achievement Award
- Intel Corporation | Award for Excellence in Computer Science

## Skillset

### Programming Languages

-C/C++, Swift, Objective-C, Java (Android), Go, PHP, OpenCV, OpenMPI, Java, Matlab, Basic, Bash Scripting, Svn, Git, Jira

### System Experience

-Windows, Linux, IOS(Cisco), Android, and Apple iOS and OSX

### Penetration Testing

-Backtrack, Aircrack-ng, Airmagnet, Wireshark, Metasploit Framework, Signature Analysis and Creation

### Prototyping

-PCB Layout, Soldering/Desoldering (SMS, Through Hole, and Reflow).