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Cambridge, MA 02139

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## Education:

### Massachusetts Institute of Technology

Cambridge, MA

*Candidate for Bachelor of Science in Electrical Engineering and Computer Science* June 2013

GPA: 4.4/5.0

### Relevant Coursework:

Computer and Network Security, Computer Systems Engineering, Advanced Algorithms, Microcontroller Project Lab, Computer Architecture, Software Engineering, Digital Communications Systems, Mathematics for Computer Science, Circuits and Electronics, Engineering Innovation and Design

## Experience:

### Silhouette Technologies

Cambridge, MA

*Founder*

Jan 2012-Present

- Co-founded profitable company in Android mobile security space
- Ported technical Linux security project to Android and developed Android demo app
- Presented work to executive team of sponsor for continued work in national security domain

### Palantir Technologies

Palo Alto, CA

*Student Intern*

May – Aug 2012

- Software Engineer with the leading platform for intelligence analysis. Palantir's software is used by all of the major NATO governments for critical national security and domestic domains to combine the power of human intelligence and computer processing and search capabilities
- Currently working with a cross-functional team on a special project to develop automatic virtual environment deployment and management. High performance cluster architecture

### OnStar/General Motors

Detroit, MI

*Student Intern*

May – Aug 2011

- Independently programmed a packaging utility in Java that cryptographically signs, packs, and generates a manifest file for binary software for next-generation connected radios. Satisfied a critical launch requirement after major vendor was unable to meet expectations of the engineering team. Interfaced with teams in Germany and S. Korea. Global distribution and production usage.
- Installed, configured, and documented Fortify 360 code analysis server for OnStar
- Performed manual security testing on internal and external web applications, prepared reports for HP WebInspect, and McAfee Secure security vulnerability scanners

## Leadership Experience:

MIT Gordon Engineering Leadership Program, Student Leader

Co-lead winning team for national OnStar Student Developer Challenge

Member of runner-up winning team for MIT iCampus Prize

Undergraduate Practice Opportunities Program

One of 25 students invited to MIT's Emerging Leaders Conference

Tech Chair for Simmons Hall at MIT

Treasurer of collegiate pistol team at MIT

Outward Bound leadership program

## Skills:

Python, Java, Linux, Cryptography, Network and Web Application Security, HTML5, CSS3, C/C++