

# Peter Zieske

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## Education

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**Cornell University**, College of Engineering  
*Master of Engineering, Computer Science*, GPA: 4.052

**Ithaca, NY**  
*Aug 2014 - May 2015*

**Cornell University**, College of Engineering  
*Bachelor of Science, Computer Science*, GPA: 3.876

**Ithaca, NY**  
*Aug 2011 - May 2014*

## Experience

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### **CrowdVerity**

*Developer*

**Ithaca, NY**

*Jan 2015 - May 2015*

Worked with professor Emin Gün Sirer on M.Eng project crowdverity.com. CrowdVerity uses Ethereum to import facts from the real-world into the digital and block-chain domains. [Ethereum, Django]

### **Microsoft**

*SDE Intern*

**Redmond, WA**

*May 2014 - Aug 2014*

Worked to enhance security and flexibility in Engineering Systems of Operating Systems Core. [C/C++]

### **Microsoft**

*SDET Intern*

**Redmond, WA**

*May 2013 - Aug 2013*

Developed both traditional and randomized testing automation for the Email and Calendar team in Windows Phone. [C#]

### **Cornell University**

*Teaching Assistant*

**Ithaca, NY**

*Aug 2013 - May 2015*

Served on course staff for CS 3110 Data Structures and Functional Programming, CS 4820 Introduction to the Analysis of Algorithms ( $\times 2$ ), and CS 4410 Operating Systems. [OCaml,  $\LaTeX$ , Python, C]

### **Pirates of the Stratosphere**

*Developer*

**Ithaca, NY**

*May 2013 - Aug 2013*

Worked in a 5 member interdisciplinary team to create a pirate-themed shooter. The game won in Cornell's 2013 GDIAC Showcase. [C#]

### **Violet Nano-Satellite Project Team**

*Developer*

**Ithaca, NY**

*Sept 2011 - May 2013*

Worked with the satellite's power board on the Command and Data Handling subsystem of the team. [C, Python]

### **Windows Phone App Development**

*Independent*

**Ypsilanti, MI**

*June 2012 - Aug 2013*

Designed and developed 5 apps for Windows Phone 7 and 8 with total downloads exceeding 10k. The most recent app *Bus Alarm* placed first in Microsoft's 2013 Intern AppHack competition. [C#]

## Technical Skills

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**Languages:** C#, C/C++, Java, OCaml, Python, HTML/JavaScript/CSS, VBA, Matlab, Prolog, Perl

**Tools:** SSH,  $\LaTeX$ , Git, Powershell, Unix, Visual Studio, Django, AngularJS