

Peter Zieske

✉ pzieke@live.com • 📧 peterzieske.com • in peter-zieske • 🌐 pdz8

Education

Cornell University - *M.Eng., Computer Science* *Aug 2014 - May 2015*
Cumulative GPA: 4.052

Cornell University - *B.S., Computer Science* *Aug 2011 - May 2014*
Cumulative GPA: 3.876

Work Experience

Microsoft - *SDE* *Sept 2015 - Present*
Working within Engineering Systems of Operating Systems Core group. [C#, C/C++]

Microsoft - *SDE Intern* *May 2014 - Aug 2014*
Worked within Engineering Systems of Operating Systems Core. Built from scratch a Windows SSH server compatible with both OpenSSH and PuTTY clients. [C/C++]

Cornell University - *Teaching Assistant* *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 4410/4411 Operating Systems. [OCaml, L^AT_EX, Python, C, Bash]

Microsoft - *SDET Intern* *May 2013 - Aug 2013*
Developed both traditional and randomized testing automation for the Email and Calendar team in Windows Phone. [C#]

Projects

CrowdVerity *Jan 2015 - May 2015*
Worked with professor Emin Gün Sirer on M.Eng project crowdverity.com. CrowdVerity imports facts from the real-world into the digital and blockchain domains. [Ethereum, Django, HTML/JavaScript/CSS]

PORTCULLIS *Jan 2015 - May 2015*
Built a secure password manager in a team of 4. PORTCULLIS featured 2-factor authentication, sharing/revocation, and an almost trustless central server. [Java]

Pirates of the Stratosphere *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 *Sept 2011 - May 2013*
Worked with the satellite's power board within the team's Command and Data Handling subsystem. [C, Python]

Windows Phone App Development *June 2012 - Aug 2013*
Designed and developed 5 apps for Windows Phone 7 and 8 with total downloads exceeding 10k. The app *Bus Alarm* placed first in Microsoft's 2013 Intern AppHack competition. [C#]