

Peter Zieske

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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 Intern*

May 2014 - Aug 2014

Worked within Engineering Systems of Operating Systems Core. Built from scratch a Windows SSH server that was compatible with OpenSSH and PuTTY clients. [C/C++]

Microsoft - *SDET Intern*

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*

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]

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 group of 4 people. 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 most recent app *Bus Alarm* placed first in Microsoft's 2013 Intern AppHack competition. [C#]

Technical Skills

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

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