

# ROBERT HEDIN GARDNER

Seattle, WA

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## Education:

**New York University**, College of Arts and Science, New York, NY **May 2016**  
Bachelor of Arts, Joint Major in Economics and Computer Science with Honors, Minor in Mathematics – GPA: 3.73, Cum Laude  
Thesis: An Experimental Investigation into Corrupt Voting in Large, Online Committees  
Relevant Courses: Advanced Computing Systems, Basic Algorithms (Honors), Operating Systems (Honors)  
NYU CAS Presidential Honors Scholar; Dean's List (2012-14 Academic Years)  
**New York University**, Madrid, Spain **July 2013**

## Professional Experience:

**Software Engineer Intern** – Microsoft Corporation, Redmond, WA **May 2015 – August 2015**

- Built WNS Reliability Portal website to facilitate notification reliability investigations.
- Built modular telemetry console and ASP.NET MVC NuGet packages; and, sample console app and website for documentation.
- Constructed preliminary Miracast Reliability Portal using my NuGet packages.
- Ported Ping Pong, a Windows Push Notification Services (WNS) reliability self-host app, from existing Windows 8.1 application to a new Windows 10 Universal Windows Platform (UWP) application.
- Improved usefulness of Ping Pong website to enable users to solve notification issues on their own.
- Submitted Windows 10 feedback and filed issues with pre-release Windows 10 software.

**Junior Research Scientist** – New York University, Computer Science Department, New York, NY **July 2014 – December 2014**

- Implemented Python sample applications for Project Spartan, a distributed array language with a NumPy interface.
- Improved Spartan's front end by adding tests, fixing existing functions, and extending the API.

**Data Analyst Intern** – Kinetic Social, Inc., New York, NY **February 2014 – May 2014**

- Prototyped interactive data visualizations in the R programming language for sales team, now in production.
- Designed user interface for automated social media advertising optimization.

## Related Skills:

- Professional Projects: JavaScript, C#, ASP.NET MVC, Python, R
- Academic Projects: Scala, Python, C, Java, Assembly, LaTeX, Objective-C, Stata
- Personal Projects: Rust, Python, C, Ruby on Rails
- Other Tools: Git, Mac OS X, Unix, Vim, Linux
- Conversational Proficiency in Spanish

## Leadership and Extracurricular Activities:

**President** – Phi Kappa Sigma, Delta Phi Chapter **May 2015 – May 2016**  
**Technology Chair and Secretary** – Phi Kappa Sigma, Delta Phi Chapter **September 2013 – May 2015**  
**Executive Board Member** – Tech@NYU **April 2013 – May 2015**  
**President** – NYU College of Arts and Science Cohort 15 **September 2013 – May 2014**  
**Trumpeter** – NYU's Music Education Jazz Ensemble **September 2012 – May 2014**

## Honors and Awards:

NYU Founder's Day Award (*Spring 2016*), Best Software Project at Hoya Hacks (*Spring 2016*); NYU Silverstein Scholarship (*Fall 2015*); 3<sup>rd</sup> place in hackNY Student Hackathon (*Spring 2015*); Philip Alfred Lotz Research Scholar (*Fall 2014*); Recipient of Dean's Undergraduate Research Fund (*Fall 2014*); NYU Prototyping Fund Recipient (*Fall 2014*); USENIX OSDI '14 Student Grant Recipient; Recipient of Courant Summer Undergraduate Research Support (*Summer 2014*); 3<sup>rd</sup> place in Deloitte Consulting NYU UG Case Competition (*January 2014*).

## Additional Information:

*buildOn* - Helped build schools in remote villages in Nicaragua and Mali; Captained high school varsity tennis team; Competed in the three-pound BattleBots division at RoboGames; Climbed Mount Kilimanjaro and Inca Trail; extensive travel in Asia and Europe.