

NANCY LI

EDUCATION

- Dec 2017
Pittsburgh, PA
- + **Carnegie Mellon University**
Major in Computer Science, Minor in Business Administration
- GPA: 3.86 cumulative, 4.00 in major, Dean's List
 - Relevant Coursework:
 - Natural Language Processing (11-411)
 - Operating System Design and Implementation (15-410)
 - Human-Computer Interaction Independent Study
 - Machine Learning (Stanford University, Coursera)

PROJECTS

- Sept-Dec 2017
Pittsburgh, PA
- + **SUGILITE HCI Research**
- In a team of 2, implemented and improved the architecture of an Android programming-by-demonstration system
 - Helped create a new structure to store all on-screen information
 - [Position paper](#) submitted to CHI 2018
- Feb-May 2017
Pittsburgh, PA
- + **Pebbles Kernel**
- Designed and implemented a simple UNIX-y operating system from scratch in a team of 2, and extended it with a POSIX-like thread library and limited para-virtualization capabilities
- Sept-Dec 2016
Pittsburgh, PA
- + **Wikipedia QA Generation System**
- Created a NLP system to generate questions and corresponding answers from a Wikipedia article
 - Explored and gained experience in various existing NLP tools
 - <https://www.youtube.com/watch?v=D-5220Znohk&t=1s>

EXPERIENCE

- April 2018-Present
Redmond, WA
- + **Microsoft**
Software Engineer, Windows OS Security Team
- Owner of Dynamic Lock and Natural Authentication
 - Work on creating a more complete credential management and security solution for Windows users
- May-Aug 2017
Redmond, WA
- + **Microsoft**
Software Engineering Intern, Windows OS Security Team
- Extended the Natural Authenticating framework to allow for the detection and use of additional passive signals
 - Worked closely with engineers in various teams across Microsoft to generate production-ready code, which shipped with the subsequent Windows release
- May-Aug 2016
Redmond, WA
- + **Microsoft**
Explorer Intern, Windows OS Security Team
- Designed and implemented a native Windows service prototype in a team of 3 that extended the Windows Natural Authentication framework using Bluetooth Low Energy technology





LEADERSHIP

- Aug-Dec 2016
Pittsburgh, PA
- + **Introduction to Computer Systems (15-213) Course Staff**
Teaching Assistant
- Jan-May 2016
Pittsburgh, PA
- + **Principles of Imperative Computation (15-122) Course Staff**
Teaching Assistant
- Nov 2014-May 2017
Pittsburgh, PA
- + **Undergraduate Marketing Organization**
VP of Regional Conference, VP of Digital Marketing, Executive Board Member







INTERESTS/HOBBIES

Alpha Kappa Psi, Journaling, Language Learning, Photography, Swimming, Tennis, Traveling

CONTACT

-  Upon request
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-  www.nxli.me
-  Seattle, WA

SKILLS

- C/C++ 
- Java 
- Python 
- SML 
- HTML/CSS 
- Chinese 
- French 