

NANCY LI

EDUCATION

Sept 2014-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
 - VL/HCC 2018: <https://nxli.me/APPINITE.pdf>

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 Q&A 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, OS Security Team
 - Owner of Dynamic Lock and Natural Authentication
 - Work on creating a more complete credential management and security solution

May-Aug 2017
Redmond, WA

- + **Microsoft**
Software Engineering Intern, 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, OS Security Team
 - Designed and implemented a prototype of a native Windows service in a team of 3 that extended the 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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Seattle, WA

SKILLS

C/C++

Java

Python

SML

HTML/CSS

Chinese

French