

# 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, Authentication Platform Team*
  - Owner of Dynamic Lock and Natural Authentication
  - Work on improving the seamless update experience to increase enterprise productivity

May-Aug 2017  
Redmond, WA

- + **Microsoft**  
*Software Engineering Intern, Authentication Platform 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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[www.linkedin.com/in/nxli](https://www.linkedin.com/in/nxli)



Seattle, WA

## SKILLS

C/C++

Java

Python

SML

HTML/CSS

Chinese

French