# 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)

## CONTACT

☎ Upon request

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📍 Seattle, WA

## EXPERIENCE

**April 2018-Present**
Redmond, WA

+ ### Microsoft
*Software Engineer II, Authentication Platform Team*
- Working on ensuring a reliable and seamless cloud identity experience across the Windows platform
- Track and coordinate work of the feature team, and respond to internal/external customer queries
- Leading a team-wide effort in component modularization

**May-Aug 2017**
Redmond, WA

+ ### Microsoft
*Software Engineering Intern, Authentication Platform Team*
- Extended the Natural Authenticating framework to detect and use an additional passive signal

**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

## SKILLS

- C++/Java/Python
- API design
- Multi-layer cache systems
- Multi-thread programming
- Technical writing
- Project management
- Inter- and intra-team collaboration
- Chinese: bilingual
- Spanish: Intermediate

## LEADERSHIP

**2018-2020 Summers**
Redmond, WA

+ ### Software Engineer Internship Mentor

**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*

## 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

## INTERESTS/HOBBIES

Fitness, Language Learning, Photography, Swimming, Tennis, Traveling