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)

CONTACT

- ☎ Upon request
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- 📍 Seattle, WA

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
- Worked closely with an NLP PhD to connect the two systems

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

SKILLS

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

EXPERIENCE

April 2018-Present
Redmond, WA

+ **Microsoft**
Software Engineer, OS Security Team

May-Aug 2017
Redmond, WA

+ **Microsoft**
Software Engineering Intern, OS Security Team
- Extended the Natural Authenticating framework to allow the detection and use of additional passive signals
- Improved the user experience of the dynamic lock feature, and also add tools to allow for more user configurability

May-Aug 2016
Redmond, WA

+ **Microsoft**
Explorer Intern, 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
- Worked closely with developers in various teams across Microsoft to correctly integrate the service into the existing infrastructure

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