

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 (*: currently enrolled or upcoming)
 - Great Theoretical Ideas in Computer Science (15-251)
 - Introduction to Computer Systems (15-213)
 - Natural Language Processing (11-411)
 - Operating System Design and Implementation (15-410)
 - Algorithm Design and Analysis (15-451)
 - Human-Computer Interaction Independent Study*

CONTACT

 Upon request

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 www.nxli.me

 Carnegie Mellon University
Pittsburgh, PA

PROJECTS

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 in a team of 2 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>

Sept 2015
Pittsburgh, PA

+ Surroundify, HackCMU Project

- Designed and developed a web application in a team of 4 for synchronous music streaming
- Utilized HTML5, CSS, and Bootstrap to create the landing page and main UI page
- <http://devpost.com/software/surroundify>

SKILLS

C/C++ 

Python 

SML 

HTML/CSS 

Java 

Chinese 

French 

EXPERIENCE

May 2017-Present
Redmond, WA

+ Microsoft

Software Engineering Intern, OS Security Team

- Implement and extend the Natural Authenticating framework to allow the detection and use of additional passive signals
- Improve 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