

# Alexander Gangwish

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## Entry Level Computer Engineer

Recent graduate of Northwestern University with experience in product design focusing on microprocessor systems and Internet of Things centric designs. A hard worker and fast learner seeking opportunities to utilize knowledge and advance skills in team and individual environments.

### Experience in:

User-centered Design | Project Management | Team Collaboration | Embedded System Design  
Internet of Things Design | Computer Networking

## Education

**Northwestern University** • Evanston, IL • Graduated June 2017

Robert R. McCormick School of Engineering • Bachelor of Science in Computer Engineering

Cumulative GPA: **3.74/4.00**

## Relevant Work Experience

**Union Pacific Railroad** • Omaha, NE

Telecom Intern, Summer 2016

- ❖ Assisted in remote maintenance and cataloguing for the railroad's extensive telecom network
- ❖ Gained valuable experience working on a large-scale project in a corporate environment

Information Assurance Intern, Summer 2015

- ❖ Implemented iOS Touch ID functionality as an API for Union Pacific applications
- ❖ Improved skills in developing software in a corporate team environment

## Honors and Leadership Roles

**Eta Kappa Nu** • Beta Tau Chapter • Evanston, IL

Member, 2016-present

President, 2016-17 school year

- ❖ Managed freshman mentorship program to provide advice and assistance to incoming students
- ❖ Oversaw induction of new members according to academic and character requirements

**Design For America** • Evanston, IL

Team Lead, Winter-Spring 2016

- ❖ Led a user-centered design team on a two-quarter project in collaboration with Cradle to Career
- ❖ Developed a summer learning loss prevention program focused around creating interactive learning experiences in parks throughout the city

## Technical Skills

Programming Languages: C, C++, C#, Objective-C, Java, HTML, JavaScript, CSS, Python, PHP

Operating Systems: Windows, Linux, OSX, iOS

Programs: Onshape CAD, Eagle PCB, MATLAB, VHDL

## Additional Experience

**Design For America** • Evanston, IL

Team Member, 2015-2016

- ❖ Helped create AromAwake, a drowsy driver awareness and prevention program as part of a project sponsored by Fiat Chrysler Automobiles