

Neel Kowdley

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4798 Walbern Ct
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Education: **University of Pittsburgh, Swanson School of Engineering**
Bachelors of Science Degree in Computer Engineering
GPA: 3.14

Pittsburgh, PA
April, 2017

Current Coursework and Skills:

- Digital Design and Linear Circuits and Systems 2
- Software Engineering and Software Quality Assurance
- Introduction to Operating Systems
- Linear Circuits and Systems 2
- Experience using Linux, Git and Android
- High Performance Computing
- Algorithms and Data Structures
- Programming Languages for Web Applications
- Java, SQL, JavaScript (AngularJS and NodeJS), MIPS, Python, HTML, C and SolidWorks

Work Experience: **Pitt Pharmacy** September 2013-December 2014, January 2016-present

Student Tech Crew

- Update the School of Pharmacy's website through the use of Adobe Dreamweaver and Photoshop.
- Monitor email lists and edit privacy settings and provide other administrative computer support.

ZOLL LifeVest

3 Rotations from May 2014-December 2015

Test Engineering Co-op

- Performed official FDA Tests on new versions of software, and ran unofficial and official tests on new hardware.
- Investigated issues that occur in the field with our device, and proposed solutions to solve these issues
- Collaborated closely with Software and Human Factors Engineers in order to formulate test cases and verify the correct procedures for test cases.

AT&T Hackathon 2014

November 2014

Winner of Best App Using Smart Tags

- Created an App in 24 hours which utilized Near Field Communication in order to give EMTs medical information from Smart Tags and Phones.
- The app is available on the Play Store.

Volunteer Experience: **Eagle Scout Project**

April 2012

Project Leader

- Planned out and executed a beautification project at the Air Force Memorial in Arlington, VA planting nearly \$11k worth of plants.

Theta Tau

January 2014- May 2014

Fundraising Chair

- Led and planned fundraising events and activities for charities such as Boys and Girls Club, and Leukemia and Lymphoma Society.

International Experience: **Plus 3 China**

May 2013

Study Abroad

- Observed and learned about different manufacturing processes and business strategies of different companies in China.

Activities: **Hackathons, Participant in 7 hackathons**

November 2014-Present

Intel Cornell Cup, Finalist, Autonomous Drone Platform

January 2015-Present

Pitt CS Club, Member

September 2015-Present