Neel Kowdley

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Education: **University of Pittsburgh, Swanson School of Engineering**   Pittsburgh, PA
Bachelors of Science Degree in Computer Engineering   April, 2017
GPA: 3.14

Current Coursework and Skills:

- Introduction to Computer Architecture and Digital Design
- 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
- Preformed 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 5 hackathons*   November 2014-Present
Intel Cornell Cup, *Finalist, Team VISPI*   January 2015-Present
Pitt CS Club, *Member*   September 2015-Present