

# Neel Kowdley

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Permanent Address:  
4798 Walbern Ct  
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**Education:** **University of Pittsburgh, Swanson School of Engineering**  
Bachelors of Science Degree in Computer Engineering  
GPA: 3.20

Pittsburgh, PA  
December, 2016

## Current Coursework and Skills:

- Advanced Digital Design
- Software Engineering and Software Quality Assurance
- Introduction to Operating Systems
- Linear Circuits and Systems 2
- Experience using Linux, Git, Unit Testing Frameworks, and Selenium
- High Performance Computing
- Algorithms and Data Structures
- Programming Languages for Web Applications
- Java, SQL, JavaScript, MIPS, Python, HTML, and C
- Computational Modeling and Simulation

## Work Experience:

**BNY Mellon** June 2016-Present

*Technology SAP Program*

- Supported the iFX platform by adding new file formats for clients to use on the iFX client.
- Integrated security scans using Veracode into the development workflow.

### **Pitt Pharmacy**

Fall 2013, Spring 2014, Fall 2014, Spring 2016

*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.

### **Intel Cornell Cup**

January 2016 – May 2016

*Honorable Mention*

- Created an autonomous drone platform using embedded devices.

## 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.

## 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 8 hackathons**

November 2014-Present

**Intel Cornell Cup, Honorable Mention, Autonomous Drone**

January 2015-Present

**Pitt CS Club, Member**

September 2015-Present

**Theta Tau, Member**

January 2014-Present