

Neel Kowdley

Current Address:
18 S Bouquet Court
Pittsburgh, PA 15213

nsk15@pitt.edu
703-547-7662
github.com/nkowdley

Permanent Address:
4798 Walbern Ct
Chantilly, VA 20151

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
- Computational Modeling and Simulation
- Java, SQL, JavaScript, MIPS, Python, HTML, and C

Work

June 2016-Present

Experience:

BNY Mellon
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

Eagle Scout Project

April 2012

Experience:

Project Leader

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

International

Plus 3 China

May 2013

Experience:

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

Pitt CS Club, *Member*

September 2015-Present

Theta Tau, *Member*

January 2014-Present