

Neel Kowdley

Education

August 2012 - December 2016 **Bachelors of Science in Computer Engineering**, *University of Pittsburgh*, Pittsburgh, PA.
GPA: 3.20

Work Experience

August 2016 - Present **CERT Intern**, *Carnegie Mellon Univeristy-Software Engineering Institute*, Pittsburgh, PA.
○ Creating a run book to set up a server which performs network boots for use in production environments.

June 2016 - August 2016 **Technology Summer Analyst Program**, *BNY Mellon - iFX Platform*, Pittsburgh, PA.
○ Supported the development team by adding new file formats to the application.
○ Worked on integrating security scans into the development workflow.

Fall 2013, Spring 2014, Fall 2014, Spring 2016 **Student Tech Crew**, *University of Pittsburgh School of Pharmacy*, Pittsburgh, PA.
○ 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.

3 Rotations from May 2014 - December 2015 **Test Engineering Co-op**, *ZOLL LifeVest*, Pittsburgh, PA.
○ 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.

Relevant Coursework

- COE 1502 Advanced Digital Design
- CS 1530 Software Engineering
- CS 1632 Software Quality Assurance
- COE 1550 Operating Systems
- CS 1520 Web Applications
- CS 1645 High Performance Computing
- COE 1501 Algorithms
- COE 445 Data Structures
- COE 0041 Linear Circuits and Systems 2
- ECE 1180 Computational Modeling and Simulation

Skills

Programming Languages Java, C, JavaScript, PHP, Python, HTML, Rust
Technologies Linux, Git, JUnit, Selenium, SQL

Volunteer Experience

January 2014 - May 2014 **Theta Tau**, *Fundraising Chair*.
○ Led and planned fundraising events and activities for charities such as Boys and Girls Club, and Leukemia and Lymphoma Society.

April 2012 **Eagle Scout Project**, *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

May 2013 **Plus 3 China**, *Study Abroad*.
○ Observed and learned about different manufacturing processes and business strategies of different companies in China

Activities

November 2014 - Present **Hackathons**, *Participant in 9 hackathons*.

January 2016 - May 2016 **Intel Cornell Cup**, *Honorable Mention*, Autonomous Drone Platform.

September 2015 - Present **Pitt CS Club**, *Member*.