

Neil Patel

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EDUCATION

University of Pittsburgh, Swanson School of Engineering
Bachelor of Science in Computer Engineering
GPA: 3.21

Pittsburgh, PA
Expected Graduation: April 2019

SKILLS

- **Programming Languages:** Java, C, Ruby, VHDL, MATLAB
 - **Software:** Android Studio, Git, Vim, Visual Studio, Microsoft Office
 - **Relevant Courses:** Algorithms Implementations, Data Structures, Systems Software, Software Quality Assurance
 - **Spoken Languages:** English, Gujarati, Hindi, Spanish
 - **Leadership:** Critical Thinking, Conflict Resolution, Decision Making, Delegation, Resourceful
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WORK EXPERIENCE

Residence Life

Resident Assistant

Pittsburgh, PA
March 2017 – Present

- Establish and foster a positive living environment designed to link community, faculty, and residents
- Serve as a resource, mentor, and leader for a floor of 56 first year engineering students
- Utilize organizational and public speaking skills to create and present hall programs to educate residents about critical issues

RoadBotics

Software Engineer – Internship

Pittsburgh, PA
January 2018 – April 2018

- Enhanced an existing smartphone android application designed to continually identify and categorize road infrastructure in real time
- Contributed maintainable and formative software in a team environment
- Assisted the Data Analytics team execute prediction models on customer segmentation profiles

Tata Consultancy Services (TCS)

Software Engineer – Internship

Cincinnati, OH
May 2017 – July 2017

- Collaborated with a team of engineers to develop image processing algorithms to detect the number of cars in a parking lot
 - Served as a team lead for *goIT*, a summer camp hosted by TCS to get youths interested in programming
 - Implemented the user interface and functionality using Android Studio and SQLite to develop an autonomous android flight drone application
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LEADERSHIP EXPERIENCE

Students Consulting for Nonprofit Organizations (SCNO)

Consultant

Pittsburgh, PA
March 2017 – Present

- Develop, organize, and market fundraising events that meets the target of the organization
- Facilitated dialogue and strengthened the relationship between University of Pittsburgh and SCNO which led to a successful advancement of the Rukmini Foundation, a non-profit organization that raises funding for the education of underprivileged girls in Nepal

Institute of Electrical and Electronics Engineers (IEEE)

Mentor

Pittsburgh, PA
August 2016 – Present

- Cultivated active, vibrant, and honest exchange among cross-disciplinary and interdisciplinary global communities of technical professionals
 - Leveraged science and technology to promote public awareness and understanding of the engineering profession
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VOLUNTEER EXPERIENCE

Vraj Youth Committee

Senior Counselor

Schuylkill Haven, PA
June 2011 – Present

- Contribute to verbal and written evaluations, activity planning, and administration
- Plan, lead, and execute activities while guiding campers in personal growth and daily living skills