Neil Patel

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EDUCATION

University of Pittsburgh, Swanson School of Engineering   Pittsburgh, PA
Bachelor of Science in Computer Engineering   Expected Graduation: April 2019
GPA: 3.2

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, Resourcefulness

WORK EXPERIENCE

Residence Life   Pittsburgh, PA
Resident Assistant   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   Pittsburgh, PA
Software Engineer – Internship   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)   Cincinnati, OH
Software Engineer – Internship   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

LEADERSHIP EXPERIENCE

Students Consulting for Nonprofit Organizations (SCNO)   Pittsburgh, PA
Consultant   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)   Pittsburgh, PA
Mentor   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

VOLUNTEER EXPERIENCE

Vraj Youth Committee   Schuylkill Haven, PA
Senior Counselor   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