Neil Patel

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EDUCATION

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

WORK EXPERIENCE

KPMG — Harrisburg, PA
Management Consultant – Internship — June 2018 – August 2018
- Delivered optimal technical solutions for a local client while actively working on three distinct teams
- Engineered robotic processes using Automation Anywhere to devise a new implementation environment
- Reduced company costs for external hire by replacing inefficient manual processes with automated scripts

RoadBotics — Pittsburgh, PA
Software Engineer – Internship — January 2018 – April 2018
- Redesigned an Android application to detect road infrastructure disturbances in real time
- Analyzed software to correct errors, upgrade interface designs, and improve performance complexities
- Developed maintainable and formative software in a team environment
- Collaborated with Data Analytics team to execute prediction models on customer segmentation profiles

Tata Consultancy Services (TCS) — Cincinnati, OH
Software Engineer – Internship — May 2017 – July 2017
- Programmed image classifying algorithms to detect the number of cars in a parking lot
- Managed multiple team leads for *goIT*, a TCS-hosted summer camp to promote STEM interest among local youths
- Implemented user interface and functionality for an autonomous Android flight drone application

LEADERSHIP EXPERIENCE

University of Pittsburgh - 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 public speaking skills to create and present hall programs to educate residents about critical real-world issues

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

Vraj Youth Committee — Schuylkill Haven, PA
Executive Board Member — June 2011 – August 2018
- Contribute to verbal and written evaluations, activity planning, and administration
- Launched religious activities to build community while guiding campers in personal growth and daily living skills

SKILLS

- **Programming Languages:** Java, C, Ruby, VHDL, MATLAB
- **Software:** Automation Anywhere, Android Studio, Git, Vim, Visual Studio, Microsoft Office, SQLite, Kotlin
- **Relevant Courses:** Algorithm Implementations, Data Structures, Systems Software, Software Quality Assurance
- **Spoken Languages:** English, Gujarati, Hindi
- **Leadership:** Critical Thinking, Conflict Resolution, Decision Making, Delegation, Resourcefulness, Flexibility

CERTIFICATIONS
- Robotic Process Automation (RPA) — August 2018

Projects available online at **github.io/neilpatel**