

# Neil Patel

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neilpatel.github.io

linkedin.com/in/neil-patel/

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## EDUCATION

**University of Pittsburgh, Swanson School of Engineering**  
Bachelor of Science in Computer Engineering – GPA 3.2

Pittsburgh, PA  
Expected Graduation: April 2019

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## WORK EXPERIENCE

### KPMG

*Management Consultant – Internship*

Harrisburg, PA  
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

*Software Engineer – Internship*

Pittsburgh, PA  
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)

*Software Engineer – Internship*

Cincinnati, OH  
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
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## LEADERSHIP EXPERIENCE

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

### Students Consulting for Nonprofit Organizations (SCNO)

*Consultant*

Pittsburgh, PA  
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

*Executive Board Member*

Schuylkill Haven, PA  
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
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## SKILLS

- **Programming Languages:** Java, C, Ruby, VHDL, MATLAB
  - **Software:** Automation Anywhere, Android Studio, Git, Vim, Visual Studio, Microsoft Office, SQLite
  - **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
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## CERTIFICATIONS

- Robotic Process Automation (RPA)

Projects available online at [github.io/neilpatel](https://github.io/neilpatel)