

Neil Patel

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neilpatel.github.io

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EDUCATION

University of Pittsburgh, Swanson School of Engineering
Bachelor of Science in Computer Engineering

Pittsburgh, PA
Expected Graduation: April 2019

WORK EXPERIENCE

KPMG

Management Consultant – Internship

Harrisburg, PA
June 2018 – August 2018

- Reduced company costs for external hire by replacing inefficient manual processes with automated scripts
- 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

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 startup environment to enhance production
- Generated full system testing to validate functionality between software and data teams at a performance level

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++, Python
 - **Software:** Automation Anywhere, Android Studio, GitHub, Visual Studio, Microsoft Office, SQL
 - **Relevant Courses:** Algorithm Implementations, Data Structures, Software Quality Assurance, Data Science
 - **Leadership:** Critical Thinking, Conflict Resolution, Decision Making, Delegation, Resourcefulness, Flexibility
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CERTIFICATIONS

- Robotic Process Automation (RPA) August 2018
- IEEE August 2016 – January 2018

Projects available online at github.com/neilpatel