

Arth Patel

ELECTRICAL ENGINEERING STUDENT

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Objective

Vibrant individual capable of innovative thinking in a team environment. Seeking for the position of a Electrical Engineering internship with a company, while coming with general engineering knowledge.

Education

Bucks County Community College

Newtown, PA

ASSOCIATE OF SCIENCE IN ENGINEERING, GPA: 4.0/4.0(CURRENT)

May 2019 - May 2021

- **Engineering Design, and Calculus** — Fall 2019
- **Statics, Differential Equations, and Intro. to Circuit Analysis** — Fall 2020
- **Dynamics, and Strength of Materials** — Spring 2021

Temple University

Philadelphia, PA

BACHELOR OF SCIENCE IN ELECTRICAL & COMPUTER ENGINEERING, DUAL ENROLLMENT

May 2021 - May 2023

Experience

Advising and Transfer Services, Bucks County Community College

Newtown, PA

STUDENT ASSISTANT

September 2019 - PRESENT

- Served visitors by greeting, welcoming, and if required directing them to other departments appropriately.
- Operated telecommunication system by following supervisor's instructions for office phone and console operation to provide best quality of customer service to students in their Advising phase.
- Supported continuity among work teams by documenting and communicating actions, irregularities, and continuing needs.

Academic Success Center, Bucks County Community College

Newtown, PA

MATH/PHYSICS TUTOR

August 2020 - PRESENT

- Completed a Tutor training for specific number of hours required.
- Prepared for tutoring sessions by reviewing any notes, handouts, and/or bookwork.
- Helped students set academic and personal goals, and monitor progress toward those goals.
- Guided students with their needs for supplementary instruction in Math and Physics courses offered at the college.

Estee Lauder Companies - Northtec, LLC

Trevose, PA

ASSEMBLER

March 2019 - September 2019

- Successfully monitored production levels and component usage on production line.
- Analyzed the responsibility for fixing products with defects to meet quality standards and to maintain the uninterrupted productivity levels.

Skills

Languages Matlab, Octave, C++, Javascript

Software Solidworks, Multisim, Wolfram Mathematica, LaTeX

Extracurricular Activities

Designed a prototype for scissor jack to advance its safety aspects.

- A CAD prototype designed in Solidworks which innovates on safety measures with the car jack use.
- Learned following the Engineering design process, whereby adhering to defining the problem, doing background research, choosing solution, and finally developing the prototype for the solution.

Self-initiated project AP Contact to develop web application.

- Developed AP Contact, a web application built using the MERN stack for dealing with sending some business survey emails and further tracking the customer responses from the email using webhooks on a custom dynamic user dashboard, viewable at arthnpatel.com/apc.
- Integrated all parts of the project into one single website, to fulfill responsibility of software design, development, implementation, and testing.