

Siddhartha Thapa

Recently discharged veteran with a BS in Chemical Engineering and experience in Medical Device product development. Seasoned in research and development as well as hands on technical jobs.

Abington, PA - Email me on Indeed: [indeed.com/r/Siddhartha-Thapa/302a72f382541265](https://www.indeed.com/r/Siddhartha-Thapa/302a72f382541265)

I am looking to leverage my experience as a development engineer in a medical devices company as well as an aircraft repairer in the army into an entry to mid level engineering career.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Aircraft Structural Repair Technician

U.S. Army - Fort Drum, NY - November 2013 to Present

- Create aircraft structural components to include stringers, bulkheads and aircraft skin according to drawings and technical manuals
- Perform fiberglass and carbon fiber composite repair in aircraft panels, rotors and stabilators
- Use common measuring tools, precision measuring gages and alignment fixtures to perform inspections
- Requisition and maintain shop and bench stock for aircraft repair
- Prepare reports and records related to aircraft maintenance
- SSBI (Single Scope Background Investigation) completed on September 2013

Development Engineer

Rex Medical - Conshohocken, PA - October 2011 to October 2013

- Model and create engineering drawings of parts/assemblies using ProE Wildfire 3.0
- Build prototypes in GMP atmosphere for clinical studies and trials such as GLP Animal study, Cadaver study and CE approval
- Develop test methods, production procedures and quality assurance inspection procedures
- Audit and collaborate with vendors for raw materials, equipments and other production and testing services
- Work with multidisciplinary team of engineers to plan and execute CE mark approval and PMA approval
- Lead process validation of temperature and humidity sensitive product packaging
- Prepared FEMA (Failure Modes and Effects Analysis), Design Input/Output Checklists, participate in Design History Reviews

EDUCATION

Bachelor of Science in Chemical Engineering

Drexel University - Philadelphia, PA

September 2011

SKILLS

ProEngineer Wildfire 3.0 (2 years), Microsoft Office (8 years), Adobe Illustrations (2 years)

MILITARY SERVICE

Service Country: US

Branch: Army

Rank: SPC

November 2013 to April 2016

Served 2.5 years as active duty soldier and completed a foreign service tour in the Republic of Korea.

Commendations:

Army Achievement Medal, National Defense Service Medal, Global War on Terrorism Medal, Korea Defense Service Medal, Army Service Ribbon, Expert Marksmanship Badge

ADDITIONAL INFORMATION

Computer Skills

ProE Wildfire 3.0, Microsoft Office, Adobe Illustrations