



Bosch Rexroth Corporation| Charlotte, USA

Amar

Machinenbau-Manufacturing Technology-5th Semester

22.02.2020 – 04.09.2020



Bosch Rexroth Corporation

As a global partner, Bosch Rexroth supports mechanical and plant engineering efforts around the world with its cutting-edge technology and unique industry knowledge. More than 29,500 associates across the globe are developing tailored, safe and resource-friendly solutions. At Charlotte USA, which is also Headquarter for North America, it deals with Linear Motion and Assembly Technologies.

North Carolina, USA

Scenic beauty, a moderate climate, a culture rich in history and the arts, and world-class sports and recreational opportunities make North Carolina an exceptional place to live and do business.

North Carolina is 9th largest state in population, 6th most visited state and 11th largest economy in US which is a bit more when compared to Sweden.



nc.gov , wikipedia

Aufgaben während des Praktikums

During the whole period I worked on multiple projects related to manufacturing and project engineering. One of my main project was to design and develop a torque testing facility for over 36 modules that were produced at that production unit. My other important works were:

- Profiler machining optimization
- AMAT CMP walking beam prototype build
- Annealer controller replacement
- Laser marking machine process streamlining



Qualities that I further improved are:

- Communication
- Project Planning
- Problem Troubleshooting
- Quick Adaptability



Eindrücke

It was an awesome professional experience for me to be able to perceive the way of working in America, the American way! It gave me a broader way to understand circumstances and lets me think of another way to approach any task.



Kultur

People are extremely friendly and outgoing, without corona I could have got even better interaction. Hiking and water sports were new way of entertainment due to corona but in general craze for games at stadium and hanging out at breweries in the evening around downtown are the normal activities. High-rise buildings will catch your eyes in your first sight and looks very beautiful at night.



The biggest difference that I felt right at the first day is the bare presence of public transport which is our everyday life tool here in Germany. It was strange but on the other hand you would get a nice big car to drive is so much fun 😊.

Tipps & Vorschläge für zukünftige Praktikant/-innen

- Be open and friendly, there is so much to do and enjoy and almost nothing to worry about.
- Try not to touch other's property even by mistake, specially their Cars, people love their Cars and are very possessive!



Das Leben danach...

It was a very handy experience related to my studies and of course for my professional career ahead.

Given a chance to be there again in USA, I would love to.



