Research and Development Engineer

**Job Description:** Assist companies in creating or redesigning products through research and development duties like using research theories, models, and experiments.

**What does a Research and Development Engineer do?**

* Create mockups, sketches, or dimensions of proposed products
* Build prototypes and perform experiments to test qualities of the product such as durability, functionality, and sustainability
* Lead and manage project teams to oversee the development of a product
* Perform research on market trends to analyze consumer spending habits and determine possible future products
* Evaluate the performance of an existing product and research ways to innovate it
* Research sustainable methods for creating a new product
* Meet with management, marketing, or other teams to collaborate and discuss ideas
* Work with marketing to create a sales plan for a product

**Your Interests:**

* Do you like designing and creating new products?
* Do you have good analytical and math skills?
* Are you interested in working with others to complete tasks?

**Outlook:**

Average Salary - $43.35 hourly, $90,160 annual

Projected Job Openings – 19,200 over the next 10 years.

**Education/Program of Study:**

* Most positions will require a bachelor’s degree in engineering or a related field
  + Possible fields of study can include mechanical engineering, biosciences, biotechnology, and more