



ELECTRICAL ENGINEERING

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SALARY RANGE

- Fort Wayne has a higher salary level than the national average

Electrical Engineering Salaries in Fort Wayne, IN

16 Salaries

Updated Jul 8, 2016

National Avg

\$62,856

Min

\$39k

Max

\$93k

Fort Wayne, IN Area Avg

\$68,801*

Min

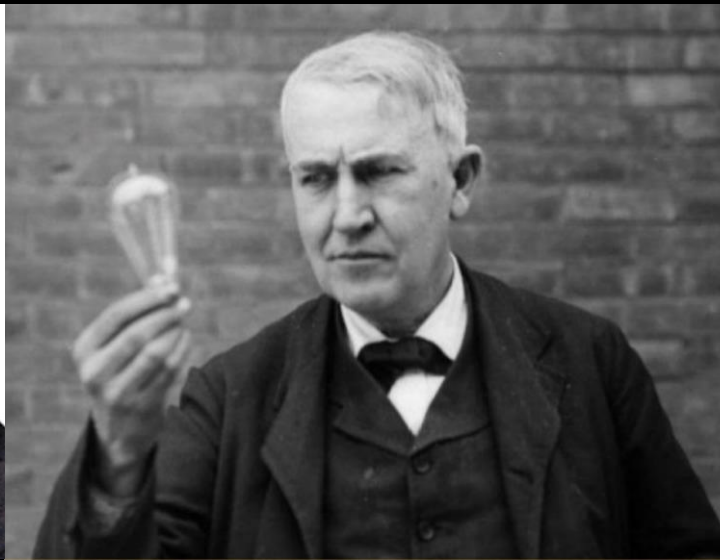
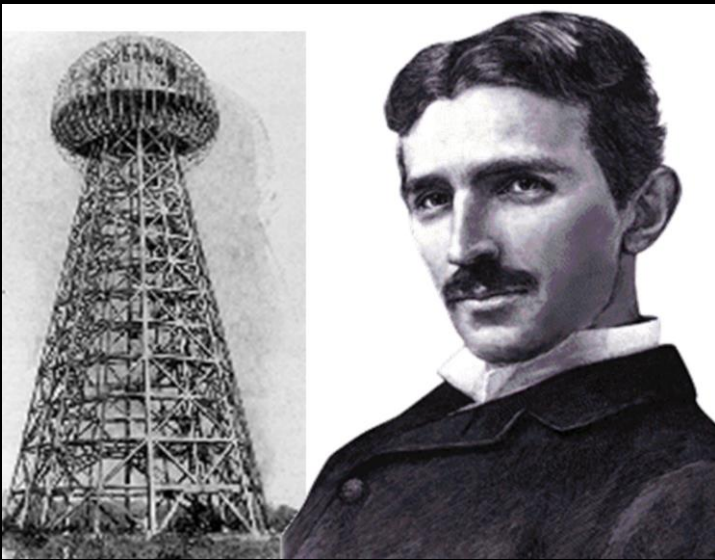
\$55k

Max

\$93k

EARLY CONTRIBUTORS

- Nikola Tesla
- Thomas Edison
- Benjamin Franklin

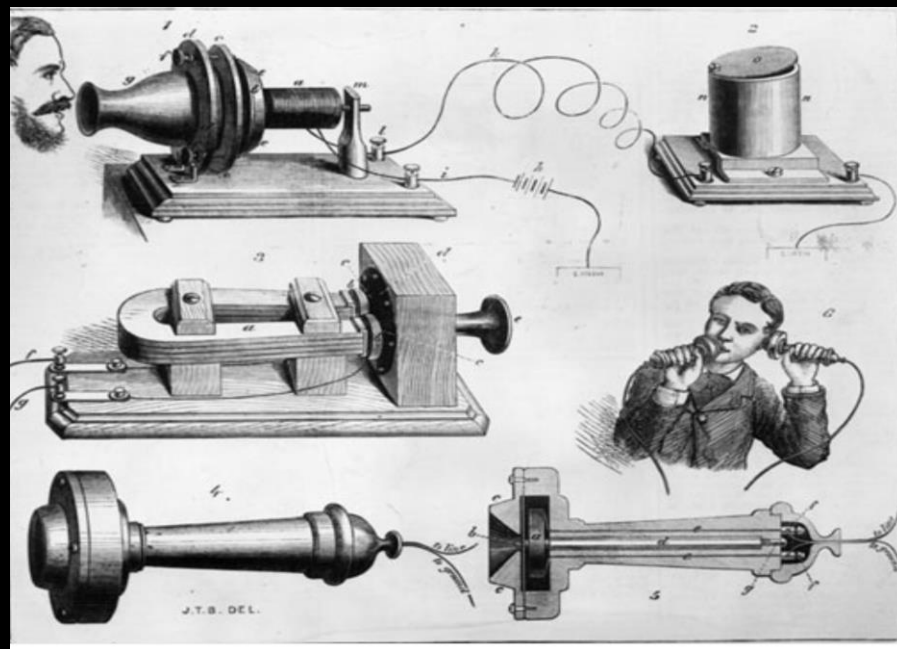


EXPECTED NEED (NEXT 5 YEARS)

- According to the Bureau of labor statistics: Electrical engineers are not expected to increase within the next decade

TWO MAJOR INVENTIONS

- Electromagnet invented in 1825 by William Sturgeon
- Telephone invented in 1876 by Alexander Graham Bell

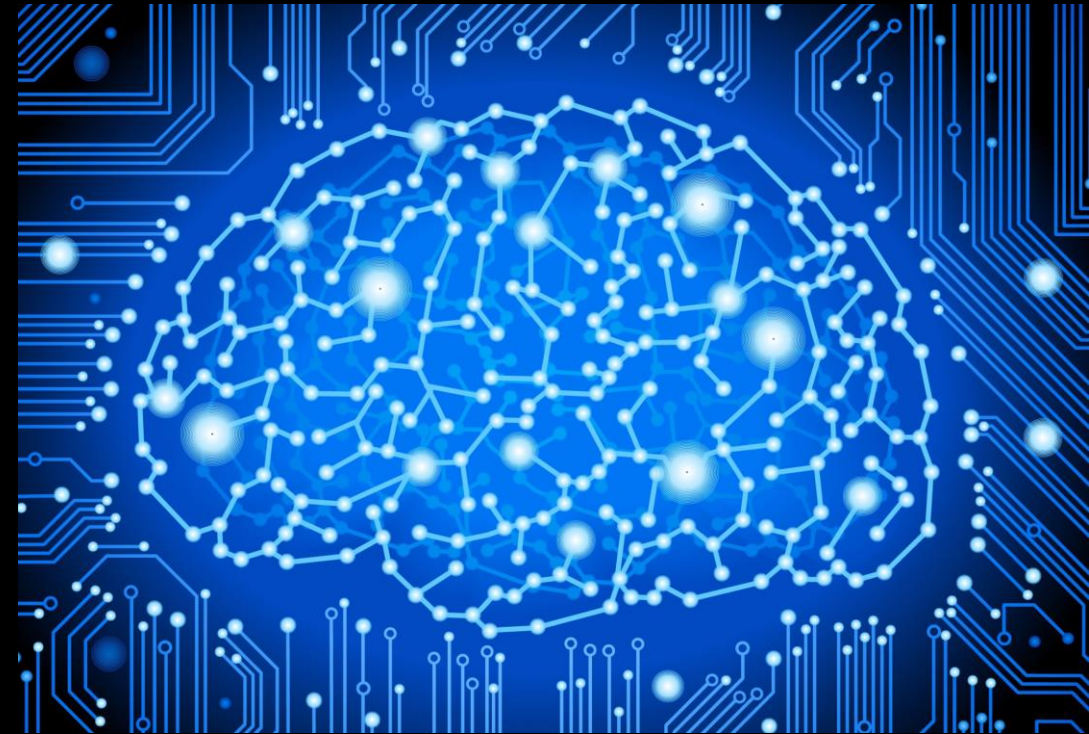


A DAY IN THE LIFE OF AN ELECTRICAL ENGINEER

- Design circuit boards
- Testing current designs
- Troubleshoot problems and implement new designs
- Develops electrical products by studying customer requirements; researching and testing manufacturing and assembly methods and materials.
- Assures product quality by designing electrical testing methods; testing finished products and system capabilities.

EDUCATION REQUIREMENTS

- Two years degree required for a technician
 - Costs approx. 10-18k
- Four years required for an engineer
 - Costs approx. 35-40k



FUTURE THINGS TO DESIGN

- Wireless electricity?
 - Continue Nikola Tesla's ideas
- New alternative energy sources
 - Replace combustion engines
 - Solar panels
 - Replace coal