Technical Career Pathways

- **Mechanical Engineer**
  - Artificial Intelligence
  - Deep Learning
  - Machine Learning

- **Statistics**
  - Artificial Intelligence
  - Data Scientist
  - Deep Learning
  - Machine Learning
  - Software Engineer

- **Mathematics**
  - Artificial Intelligence
  - Data Scientist
  - Deep Learning
  - Machine Learning
  - Software Engineer

- **Physics**
  - Deep Learning
  - Optical Engineer
  - Failure Analysis Engineer
  - Quality Reliability Engineer
  - Yield Engineer

- **Electrical Engineer (EE)**
  - Application Engineer
  - Artificial Intelligence
  - Architect
  - Computer Engineer
  - Cyber Security
  - Data Scientist
  - Design Engineering (Register Transfer Level)
  - DevOps
  - Field Programmable Gate Arrays
  - Functional Verification
  - Graphics Software
  - Machine Learning
  - Multi-Media Hardware
  - OS Engineer
  - Physical/Analog Design
  - Post-Silicon Validation
  - Quality Reliability Engineer
  - Software Engineer
  - Thermal/Mechanical Engineer
  - Yield Engineer

- **Industrial Engineer**
  - Application Engineer
  - Process Engineer

- **Computer Science (CS)**
  - Application Engineer
  - Artificial Intelligence
  - Deep Learning
  - Machine Learning

- **Computer Engineer (CE)**
  - Artificial Intelligence
  - Deep Learning
  - Machine Learning

- **Data Science**
  - Data Scientist
  - Machine Learning
  - Software Engineer

- **Materials Science**
  - Application Engineer
  - Process Engineer
  - Failure Analysis Engineer
  - Yield Engineer

- **Software Engineer**
  - Application Engineer
  - Compiler Engineer
  - DevOps
  - Firmware
  - Graphics Software
  - OS Engineer
  - Software Engineer

- **Artificial Intelligence**
  - Artificial Intelligence
  - Deep Learning
  - Machine Learning

- **Chemical Engineer**
  - Process Engineer
  - Failure Analysis Engineer
  - Quality Reliability Engineer
  - Yield Engineer

- **Chemistry**
  - Application Engineer
  - Artificial Intelligence
  - Deep Learning

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