# Summer 2023 Internships & Full-Time Positions
for Purdue EE & CmpE Majors

(Location: Purdue Research Park, West Lafayette, IN)

Indiana Microelectronics, LLC (www.IndianaMicro.com) researches, designs, and manufactures reconfigurable (tunable) microwave filters and is recruiting for the following Summer 2023 internships and full-time positions:

<table>
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<tr>
<th>Role</th>
<th>Interest/Experience (Desirable)</th>
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| **RF Engineer**             | • Modeling & Simulation (ANSYS HFSS, Microwave Office)  
|                             | • RF Layout  
|                             | • Test Equipment  
|                             | (e.g., network analyzer, spectrum analyzer, oscilloscope, signal generator)  
|                             | • DSP for SDR applications |
| **Embedded Systems Engineer** | • Circuit board layout & design (Altium/Eagle or similar)  
|                             | • Circuit testing and debugging  
|                             | • Amplifiers/ADCs/DACs  
|                             | • DC-DC converters  
|                             | • Software design: Python, FPGA HDL (Verilog), comm interfaces (SPI, TCP/IP, etc)  
|                             | • DSP for SDR applications  
|                             | • Soldering |
| **Artificial Intelligence (AI)** | • Machine Learning (ML) applications for calibration & RF interference mitigation  
|                             | • Deep Learning (DL) applications for calibration & RF interference mitigation |

**To Apply:**
- Send resume to: Steve Cuppy  
  Indiana Microelectronics, LLC  
  CuppyS@IndianaMicro.com  
  O: 434-386-2251
- US Citizen or Permanent Resident (Green Card) *(Required)*
- Junior, Senior, or Graduate

Posted September 2022  Indiana Micro is an Equal Opportunity Employer