

**NMIP****Northeast Microelectronics Internship Program***Microelectronics runs the world. Come join us!*

Hi, I'm Christian Duessel and this is my NMIP Story

Company: Intel

University: Massachusetts Institute of Technology

Project Title: Process Engineering

Focus Area: Foundry Services

I spent 10 weeks working at Intel's Aloha campus as part of the Far Back End organization. I worked as part of the Backside Grind and Metallization team of ~8 engineers. Our team did sustain, upgrading, and qualifying for tools in our section of the line. I worked on many future upgrades, but I also assisted the sustaining work. My biggest project was diagnosing the root cause for PVD plasma extinction events on our backside metallization tool.

What I enjoyed Most: Exposure to how the industry operates and all the different roles someone with my skills could have. I now know that I want to work in process integration or process development for semiconductor manufacturing.