

InchFab

InchFab emerged from the MIT PhD work of Mitchell and Parker. They observed the limitations of expensive, outdated tools in micro- and nanoscale innovation, even at top institutions. As makers, they aimed to democratize access to micro- and nanodevice creation. They developed InchFab's core technology, an affordable and scalable "micro-sized" fab platform. Now, InchFab offers flexible, cost-effective foundry services to customers and partners.

Requirements

1. Majors: EE/EEE, Material, Process Engineering
2. Demonstrated interest, academic knowledge, and the ability to perform tasks in micro- and nanofabrication
3. Analytical skills, enthusiasm, positive thinking, and a solution-oriented mindset
4. Ability to work effectively as part of a team

Examples of assignments

1. Operating InchFab's plasma-based etching equipment
2. Operating InchFab's plasma-based deposition equipment
3. Gathering data using various metrology equipment
4. Performing basic data analysis and drawing conclusions for future experimental directions
5. Describing the function of critical equipment components and their interactions within the system.

Remarks

- Compensation: \$3,200 per month
- Duration: A minimum duration of 12 weeks.
- Internships in the US require J-1 intern visa sponsorship. Contact Elizabeth Kay at ekay@fusia.net for questions.
- Interns handle their own accommodation and health insurance and responsible for visa related fees USD 1,550 J-1 intern visa sponsorship, USD 220 SEVIS fee, USD 185 non-immigrant visa application fee