



## **Process Integration Specialist**

**Location: Edmonton, Alberta**

Want to have some fun? Want to work with only A-team players? Want to work on something that is just so amazingly cool that it could change the way we look at things?

If so, maybe there's a place here for you. We're looking for people who really care about what they do and the people they work with. We've assembled a team of experts and enthusiasts and we're looking to expand.

### **Responsibilities**

As a process integration specialist, you'll be working closely with design and process development team members to build our holographic displays.

#### **Responsibilities include:**

- Designing, developing and optimizing microfabrication processes for prototype development
- Fabricating optical and electrical devices
- Performing comprehensive characterization and analysis on the developed devices
- Applying statistical process control techniques combined with technical expertise to improve process performance, capabilities and reliability
- Collaborating cross-functionally to investigate, advise, and resolve related device engineering problems
- Providing technical guidance and expertise to the team

### **Qualifications**

As a Process Integration Specialist you should possess a Bachelor's degree or postgraduate degree in Engineering, applied Physics, or other related field with relevant experience to semiconductor microfabrication

- Experience in semiconductor devices, thin film transistors (TFTs), or related microfabrication
- In depth knowledge of thin films and semiconductor physics (preferred)
- Data analysis skills using JMP, Python, Matlab or other software (preferred)
- Collaboration - Fosters open dialogue with all team members across the company.
- Proactive - Exhibits initiative, energy, and foresight in evaluating and responding promptly to challenging situations, problems and opportunities for improvement within projects.
- Analytical Ability – Ability to identify trends and opportunity for improvements.
- Creating and Innovating - Produces new ideas, approaches or insights; produces a range of solutions to problems.

We believe the best people make the best companies. As we continue to grow, our goal is to continue to attract the best people.

Are you ready to explore an exciting career at Avalon Holographics? If so, please email us at [careers@avalonholographics.com](mailto:careers@avalonholographics.com).