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# Annamarie Askren

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Seattle, WA 98103

## PROFESSIONAL OBJECTIVE

A full-time position in Aerospace Engineering providing an opportunity for career development while contributing significantly to the organization's mission.

## EDUCATION

University of Washington, Seattle, Washington

- **B.S. in Aerospace Engineering** (Expected June 2006)          **3.81/4.00 Departmental GPA**
- Annual Dean's List: GPA 3.77/4.00 Cumulative
- NASA Space Grant Scholar
- Sigma Gamma Tau Member

## EXPERIENCE

*University of Washington Aeronautical Laboratory (UWAL), University of Washington*          **Nov '04-Present**

- Execute data acquisition and reduction
- Write test reports, Visual Basic code, and documentation
- Supervise model installation and alterations
- Provide customer service and train new crew members

*Students for the Exploration and Development of Space (SEDS-UW)*          **Sept '04-Present**

- Serve as President for new chapter (2005-2006), Financial Director (2004-2005)
- Organize microgravity experiment and funding for flight on Zero-G Corporation's aircraft
- Involve disadvantaged high school students in the experiment's development and testing
- Arrange public talk at UW by Peter Diamandis, X Prize CEO (2006)
- Host observatory and planetarium tours
- Volunteer at national SEDS conference SpaceVision2005

*Nuclear Fusion/Plasma Physics Research, University of Washington*          **June '03-Present**

Designed and constructed an operational soft X-ray diagnostic for the Helicity Injected Torus Experiment (HIT-SI).

- Designed the soft X-ray camera and port attachment in SolidWorks
- Machined the parts from mechanical drawings
- Assembled, wired and vacuum-tested the diagnostic
- Designed a high-pass X-ray filter in Matlab
- Presented results at university research symposiums and national American Physics Society conference

*Mars Gravity Biosatellite Structures and Thermo Division, University of Washington*          **Oct '02-June '03**

- Developed trade tables in Excel and wrote design review reports

## TECHNICAL SKILLS

**Computers:**          Visual Basic, Java, Matlab, Simulink, Unigraphics NX 2, SolidWorks, Sub-2D, Sub-3D, Adobe Photoshop, 3D Studio Max, FrontPage, PowerPoint, Excel, Word

**Miscellaneous:**          Soldering, machining, forklift certified, FCAW and Oxy-Acetylene welding