

# Lee Eduardo Zetterstrom Jasper

7257 Rogers Street Arvada, CO 80007

(303) 204-1156

Lee.Jasper@colorado.edu

**OBJECTIVE:** To obtain a full-time internship or research position over the summer of 2008, in Aerospace Engineering. Available May 2008. Willing to relocate.

## EDUCATION:

*University of Colorado at Boulder*

Expected Graduation: May 2009

Bachelors of Science in **Aerospace Engineering**

Minor in **Computer Engineering**

Programming and Hardware Experience

MatLab, Python, C/C++, Solidworks, assembly

GPA: **3.614**

## ENGINEERING PROJECTS:

*NASA Colorado Space Grant Consortium (May2006-present):*

**Project Manager** of the University's CubeSat program (*Summer-Fall '07*)

- Experience with budgeting, scheduling, hiring and team management
- Requires system engineering approach to testing, design and design decisions

**Systems Engineer/Project Manager** of sounding rocket Nano-Satellite: RocketSat. (*Fall '06-Spring '07*)

- Conceived, designed and built a segmented platform structure
- Hardware/science mission creation, testing and integration

*Gateway to Space (2006):* **Team leader.** Built and sent satellite to 99,500 ft to take pictures and measure Structural stresses upon satellite using piezo crystals.

*Design, Build and Fly (2005):* On a team with six other students to build airplane for competition.

## VOLUNTEER:

*Outreach programs (2005-present):* Present engineering to young students. Programs often include LEGO building projects, presentations about what engineers do, and encouragement to pursue science related fields.

*Habitat for Humanity (2003):* Built housing development for under-privileged in Denver. All landscaping was done for housing community.

## ACTIVITIES:

*Multicultural Engineering Program (2005-present):* support for underrepresented students in engineering including tutoring, outreach programs and scholarship opportunities.

- **Computer Science Teaching Assistant** in a summer preparation course for incoming freshmen.

*American Indian Science and Engineering Society (present):* (**AISES**). Part of MEP. Promotes American Indians in science and engineering fields.

*NACM Scholarship (2006-2007)*

*Aerospace Honor Society, Sigma Gamma Tau (2006-present)*

- Officer: Historian which includes office upkeep, event planning, and historical record keeping.
  - Creation and organization of a dinner for alumni from 1970-present