Madison Leigh Junker

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OBJECTIVE

To obtain additional professional experience in a software oriented position in an aerospace field in order to propel myself towards a career in aerospace software that will combine my interests in Aerospace Engineering, Computer Science, and Applied Mathematics.

RELEVANT COURSEWORK

Computer Science: Algorithms, Data Structures, Discrete Mathematics, Computer Systems
Aerospace Engineering: Aerodynamics, Computational Methods, Aircraft Dynamics, Aerospace Software
Applied Mathematics: Matrix Methods, Differential Equations w/ Linear Algebra

EDUCATION

University of Colorado Boulder   Anticipated Graduation May 2019

- Bachelor of Science in Aerospace Engineering
- Minors in Computer Science and Applied Mathematics
- President Joseph A. Sewall Scholarship and Engineering Merit Scholarship
- GPA 3.49/4

SKILLS

- Extensive programming experience in MATLAB, C++, Python
- Familiarity with Bash scripting, Linux, Git C, x86 Assembly, Fortran
- Clear and concise technical writing
- Proficient in LaTeX

EXPERIENCE

Computer Systems Project Manager   January 2017 - December 2017
Colorado Space Grant Consortium
- Management of small computer network
- Maintenance of Linux and Windows Servers
- Maintenance of external and internal facing websites using Apache, Redmine, and Joomla

Computer Systems Team Member   September 2016 - December 2016
Colorado Space Grant Consortium
- Wrote scripts for the switching of Linux server identities for website hosting

RockOn Team Member   January 2016 - June 2016
Colorado Space Grant Consortium
- Practical experience soldering, reflow soldering, and Molexing
- Instructing workshop participants in correct payload assembly

HATS Group Intern   May 2015 - August 2016
National Oceanic and Atmospheric Administration, Boulder, Colorado
- Handling and evaluation of pressurized air flasks using gas chromatograph
- Organization of and addition to large databases