Christopher M. Anderson

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OBJECTIVE

To obtain a position that will allow me to pursue my passion of designing elegant solutions to problems in the field of computer science and to expand my knowledge and understanding of skills required to work in the computer science industry.

EDUCATION

Bachelor of Science, College of Engineering, Computer Science
Cornell University, Ithaca, NY, expected graduation June 2016
Artificial Intelligence concentration, Mathematics minor
Current GPA: 3.558

RELEVANT COURSES

Object-Oriented Programming and Data Structures ◇ Data Structures and Functional Programming ◇ Foundations of Artificial Intelligence ◇ Machine Learning ◇ Computer System Organization and Programming ◇ Introduction to Analysis of Algorithms ◇ Operating Systems ◇ Programming Languages and Logics

COMPUTER SKILLS

Languages: Java, Python, OCaml, MATLAB, C, HTML, CSS.
Proficiencies: Unix, git, SVN, LaTeX.

EXPERIENCE

Programmer Fall 2012 to present (including Summer 2014)
Violet Satellite Project, Cornell University

- Developed software in a team as part of the Attitude Control Subsystem, responsible for running simulations and implementing flight code.
- Extended functionality of the ACS simulation's output graphing software.
- Worked on protocols to load steering laws and slew data into the flight software.
- Wrapped and debugged flight code and wrote unit tests to prepare for processor-in-loop and day-in-the-life testing of the Violet satellite.

Teaching Assistant Fall 2014
Cornell University

- Worked as a TA for CS 4780 (Machine Learning), holding office hours and grading assignments.

Embedded Software Intern Summer 2013
Charles Stark Draper Laboratory, Cambridge, MA

- Developed the flight software for Sierra Nevada's Dream Chaser spacecraft.
- Wrote technical documentation of necessary test cases and test procedures.
- Gathered data from the flight simulation and used MATLAB to implement possible tests and develop a framework to simplify writing future test cases.

System Integration and Test Summer Intern Summer 2012
Charles Stark Draper Laboratory, Cambridge, MA

- Wrote Unix shell scripts and test cases to support testing of Draper's inertial guidance system.
- Refactored and debugged existing test software.

AWARDS AND ACTIVITIES

Armed Forces Communications and Electronics Association (AFCEA) Fellowship
Dean's List, 3 semesters
Association of Computer Science Undergraduates
Rubik's Cube Club ◇ Data Science Club