Bryan Klofas

791 Boysen Ave #9
San Luis Obispo, CA, 93405

bklofas@calpoly.edu
(805) 440-8529

Education

Bachelor of Science in Electrical Engineering, June 2008
California Polytechnic State University – San Luis Obispo
Major GPA: 2.6 Class Standing: Senior

Relevant Coursework:

Circuit Analysis + Lab	Energy Conversion + Lab
Semiconductor Devices + Lab	General Chemistry + Lab
Transmission Lines + Lab	Wireless Design + Lab

Published papers and presentations: http://www.klofas.com/papers

Experience

Technical Projects – Cal Poly:

- **PolySat:** Helped to build 2 picosatellites launched in summer 2007. Learned and troubleshot subsystems including power, RF, and communications. Built boards for various satellite subsystems. Primary job is Earth Station Coordinator, in charge of communicating with our satellites in space. Currently working on 2 more picosatellites to be launched in 2008 and 2009.
- **Jamesburg Dish:** Fixing up the Jamesburg Earth Station, a 30 meter dish in Carmel Valley. Tasks included learning the dish's control and feedback circuitry, and installing temporary feedhorns for communications. Currently operational for moonbounce contacts.
- **GENSO Project:** Linking satellite Earth Stations via the internet in collaboration with European Universities and the European Space Agency. This project will link low-cost University earth stations via the internet to increase downlinked data.
- **High Altitude Balloons:** Coordinated the launch and recovery of several high altitude weather balloons, including telemetry downlinks and direction finding. Assembled systems from custom built and commercially available parts in collaboration with Stanford University.

Skills

Software: OrCad/PSpice, Linux/Unix, Xilinx, Subversion
Hardware: Spectrum Analyzer, Network Analyzer, Surface Mount Soldering

Leadership / Involvement

President (2003-2006), Cal Poly Amateur Radio Club

- In charge of coordinating the club, including finding speakers and organizing events

Communications Committee Head (2004-2007), Wildflower Triathlons

- Organized the Cal Poly Amateur Radio Club's Wildflower Triathlons event. In charge of managing over 50 people and coordinating with 20 other committees