

Jacob C. Farkas

CONTACT INFORMATION

School Address

55C Stenner Street
San Luis Obispo, CA 93405

Phone: (805) 286-6392

E-Mail: jfarkas@calpoly.edu

Permanent Address

4817 Wesleyan Drive
Anchorage, AK 99508

Phone: (907)333-0708

EDUCATION

Cal Poly San Luis Obispo, San Luis Obispo, CA

B.S. Computer Science (expected graduation date: June 2005)
GPA 3.4/4.0

East Anchorage High, Anchorage, AK

Graduated with Honors May 2001

ACADEMIC EXPERIENCE

PolySat Satellite Group

San Luis Obispo, California

Designed and developed software in embedded C for a student built picosatellite. Worked with a multidisciplinary team to design and build satellite from prototype stage to launch. Additionally managed project Linux server running Subversion and web-based project tools.

Software Developer

September 2003 - Present

California Polytechnic State University

San Luis Obispo, California

CPE453/454: Learned UNIX Operating System concepts, studied Linux kernel code in depth, wrote Linux device driver. **CPE471:** Programmed OpenGL applications in C++. **CPE464:** Wrote reliable file transfer programs in C over UDP and TCP. **CSC305** (Spring 05): Individual software development in C++.

Student

Fall 2001 - June 2005

Cal Poly Linux Users Group

San Luis Obispo, California

Organized club activities and provided support for Linux users. Organized Free Your Machine events to assist with new Linux installations and gave presentations on Linux related topics.

President

September 2003 - Present

Cal Poly & Brocade

San Luis Obispo, California

Designed, wrote, and tested an automated testing tool in Java for Brocade's storage area network switches. Worked with team of three students to design and write code to customer specifications.

Software Developer

January 2003 - June 2003

PROFESSIONAL EXPERIENCE

Beomax, Inc.

Pismo Beach, California

Constructed a 10-node Beowulf cluster for UCSC's astronomy department.

Cluster Developer

August 2004

General Communications, Inc

Anchorage, Alaska

Assisted in migration to content management server, wrote database web applications and support scripts.

Intranet Intern

June 2001 - January 2004

Microware Computers

Anchorage, Alaska

Repaired and maintained computers for multiple corporate customers. Provided technical support to end users.

Computer Technician

June 2000 - June 2001

TECHNICAL SKILLS

- Languages: C, C++, Java, Perl, Assembly, PHP, SQL, Bash scripting
- Computing Experience: Linux/Unix, OS X, Windows, OpenGL, TCP/IP Networking, L^AT_EX