

Wendal Chaffee

Objective

To gain full-time work in a technical field that will utilize my existing skills and challenge me to grow professionally.

Education

Spring 1997 Community College of Vermont

Pre-engineering courses as requested by the University of Vermont.

Summer 1997- Spring 2001 University of Vermont, Burlington, VT Electrical Engineering ; To be completed

I have completed 100 of 130 course hours toward my Bachelors Degree.

Awards received

Burlington area Vocational Technical Center

Student of the month award (architectural drafting)

International Business Machines

Received a dinner gift certificate and recognition for preventing several million dollars worth of scrap.

Student Branch of the Institute of Electrical and Electronic Engineers (IEEE)

Third place in an international Web page design competition

Work experience

December 2005 to Present: Contract

ADDECO; Grass Valley, CA

I am currently listed with Addeco temp service and Rush temp service in Grass Valley. I had contracted to Thomson Grass Valley group for a few months to help the Process Engineer. His name is Mike Christensen.

May 2004 To November 2005: Electrician

Earth Star Electric; Oakland, CA

Residential and commercial installation of new services, outlets switches, and light fixtures.

May 2001 TO May 2004: Details Draftsman

Hazelett Strip-Casting ; Colchester, VT

- Manufacturing program optimization, data collection, and machine control diagnostics.
- Controls R&D projects.
- New machine controls design, installation and certification.
- Programmed and installed Allen Bradley and Siemens PLCs, touch panels and touch screen computers.
- Established communications between the technologies to one another and the Access data base on our main server.
- Retrofit existing equipment with new controllers, HMIs and computers.
- Produced electrical schematics, and panel drawings using CADRA, EPLAN, and some AUTOCAD, making ECO's and creating new parts using INFOFLO.

**1999 to 2000: Shuttle/River Guide
Umiak Outfitters; Stowe, VT**

- Taught clients how to paddle
- Drove clients to the drop off and collecting the equipment at the end of their trip.
- Guided private groups and led several trips of up to thirty people.

**Summer 1998 through fall semester 2000: Engineering technician
Student Launch Program/University of Vermont**

- Assisted in the design and construction of payload section of sounding rocket.

Interests and activities

Student Branch of The IEEE:

- Assistant Chair of the University of Vermont's Student Branch of the IEEE
- Co-designed the university's student branch web page

Languages

German: Two semesters at the University of Vermont and one year at Burlington High School.

French: One semester at the Community College of Vermont.

Volunteer experience

- Assisted Dr. Tony Keller by making a virtual model of a device he designed to measure the acceleration of a chiropractic activator.
- Assisted the Space Grant Consortium with its "Solar sprint race".
- Assisted the Engineering school's student counsel with its "Design Task" competition.

Hobbies

Robotics, architectural/mechanical drafting, carpentry, mountain biking, hiking, backpacking, and camping.

References

Daniel Sinotte, Owner, Earth Star Electric: 510-701-1618

Tim Kaiser, Electrical engineering department head, Hazelett Strip-Casting: 802-863-6376

Troy Rheum, Project engineer, Hazelett Strip-Casting: 802-863-6376

Extracurricular activities

Student Branch of The IEEE

Assistant Chair of the University of Vermont's Student Branch of the IEEE

Student Launch Program

Participated in the rocket project after the summer employment was completed.

NASA's KC-135

Flew on NASA's KC-135 with the student launch program's experiment.

SUGR/FAME Grant

Design and construction of an experiment to expose fruitflies to chronic hypergravity.

Computer skills

CADRA, Siemens Project Manager, Microwin, Protocol Pro, RSLogix500,

CITECT, Electronics Workbench, Word, Excel, AutoCAD, Trispectives, Publisher, PowerPoint, Windows 98, 2000, NT, XP, C++, PhotoShop, PSpice, Mathcad, Unix, DOS, Matlab, Outlook, Telnet, PIC Micro Controllers, Acrobat, SQL and others.

Comment

I believe I will be a productive addition to any team and am self motivated to manage solo projects. I have had experience in a considerable range of work environments that give me a fairly diverse set of skills to work with. I believe in doing what it takes to responsibly complete a project. I enjoy doing all aspects of a project from planning to execution and reporting.