

CALVIN SESSIONS

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Objective

To obtain an entry-level electronics engineering position in embedded systems utilizing and further enhancing current knowledge garnered from an application-oriented program.

Education

Bachelor of Science in Electronics Engineering Technology
Western Washington University ABET Accredited
Expected Graduation Date: June 2005 GPA: 3.41

Qualifications

Computer Simulation Software

- Mathcad
- PSPICE
- Tina
- Logic Works

Computer Aided Drafting

- AutoCAD 2000
- RHINO
- ProEngineer
- IDEAS

Programming Languages

- C / C++
- Assembly w/ Motorola 68HC12
- ABEL-HDL

Computer Operating Systems

- Windows OS
- Unix OS

Laboratory Equipment

- Oscilloscope
- Digital Multimeter
- RLC meter

- Function Generator
- Frequency Counter
- Synthesized Signal Generator

Relevant Science/Engineering Topics

- Circuit & Transform Circuit Analysis
- Electronic Circuits & Systems
- Digital Systems
- Microprocessor/Embedded Systems
- Instrumentation Circuit Design
- Communication Circuits & Systems
- Differential & Integral Calculus
- Modern Differential Equations
- Calculus-Based Physics Series
- Computer Programming
- Engineering Design Graphics
- Technical Writing

Relevant Experience

Micro-Radian Instruments, Bellingham, WA

Electronics Engineering Intern

July 2004-September 2004

- Soldered components onto circuit boards for various autocollimator models
- Assembled autocollimators and power supplies
- Performed quality tests and inspections during subassembly procedures

Public Works Engineering, NAS Whidbey Island

Engineering Aide

June 2001-January 2004

- Assisted engineers with various design/build projects
- Generated engineering drawings using AutoCAD
- Performed cost estimating calculations and naval utility locates

Membership Affiliations

Institute of Electrical and Electronics Engineers of WWU, IEEE
Student member February 2002 to Present
IEEE Secretary September 2004 to Present

Filipino-American Student Association of WWU, FASA
Student Member February 2002 to Present
Public Relations Officer September 2002 to June 2003

Ethnic Student Center of WWU, ESC
Student Member February 2002 to Present

Awards & Achievements

Jay Baumann Memorial Scholarship - Engineering Technology, \$700
Western Washington University 2004-2005

Multicultural Achievement Program Scholarship, \$5,000
Western Washington University 2003-2005

Washington Promise Scholarship, approximately \$2,500
Washington State Government 2001-2002 & 2002-2003

President's List
Western Washington University
Spring Quarter 2003
Fall Quarter 2004
Winter Quarter 2005

Work Related Awards:

End of the Year Team Award
Public Works Engineering September 2003

On the Spot Award
Public Works Engineering September 2002

Recognition of Excellence
Public Works Engineering September 2001

References

F. David Harris, P.E.
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