

JONATHAN PLUMMER

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EDUCATION

Brigham Young University, Provo, Utah. Master of Science, August 2003
EMPHASIS: Electronics Manufacturing, Automation & Robotics
GPA: 3.79

Brigham Young University, Provo, Utah. Bachelor of Science, April 2001.
MAJOR: Electronics Engineering Technology
MINOR: Japanese

RELEVANT COLLEGE COURSE WORK:

- Active Devices and Circuits
- DC/AC Circuits
- Digital Circuits
- Electronics Manufacturing
- System Controllers
- Computer Interfacing
- Manufacturing Simulation
- Industrial Electronics
- C++ Programming
- Operations Management
- Assembly Programming
- Networking
- Electronic Instrumentation
- Quality Manufacturing
- Embedded Systems

EXPERIENCE

ELECTRICAL DESIGN ENGINEER. Sumitomo Electric Wiring Systems Inc. –
Toyota Technical Center. Ann Arbor, MI. Sept. 2003-Present.

- Design wire harness routing & circuitry for the Toyota Avalon.
- Perform continuous improvement, benchmarking, and cost reduction activities.
- Perform quality assessments and design reviews for vehicle electrical systems.
- Resolve electrical & wire routing issues using engineering & Japanese skills.

NETWORK OPERATIONS SPECIALIST. Brigham Young University Information
Technology Services. Provo, Utah. June 1998-Sept. 2003.

- Monitor Servers/Mainframe computers, Monitor batch production jobs
- Oversee university computer network including Cisco IP telephones
- Administer network installation, repair, and maintenance
- Configure network switches, hubs, and ports for clients

PILOT / PROGRAMMER. Engineering System Co. Matsumoto, Japan. May-August
1999/June-August 2000 (summer internships).

- Test piloting a prototype helicopter
- Demonstrating helicopter in the world's largest air show (AirVenture)
- Programming a milling machine to carve lead alloy parts
- Creating company web site: <http://www.acecraft.com>

VOLUNTEER REPRESENTATIVE. Tokyo, Japan. July 1994-August 1996.

- Training & supervising new volunteers
- Preparing and teaching English as a foreign language
- Speaking fluent Japanese

SKILLS

LANGUAGE: Read, write, and speak fluent Japanese

COMPUTERS: Windows, UNIX, Solaris, Novell NetWare, C++, Java, Assembly, PHP,
MySQL, HTML, Ethernet, TCP/IP, Telnet, FTP, etc.

SOFTWARE: Catia, CA-Unicenter, WinBoard, VeriBest, ProModel, Cimatrix, Borland C++
Builder, Visual Studio, Auto CAD, Microchip MPLAB, LabView, SPEL, DirectSOFT PLC,
Photo Shop, Dreamweaver, etc.

AWARDS

AWFS 2003: 1st Place, Furniture Design & Building Contest in Casework Category.

BYU MANUFACTURING ENGINEERING: 1st Place in Mini Hot Air Balloon Contest.

IDAHO JOURNALISM ASSOCIATION: Superior award in photojournalism.

IDAHO STATE SCIENCE COMPETITION: 2nd place in Mousetrap Car competition.