

Alan Beilgard

Objective To obtain a part time position that will utilize my skills as described below. Available for contracts globally.

- Experience** 2008–Current Orica USA Watkins, CO
- Sr. CAD Designer – Underground Mining Equipment
- 3D modeling of mobile chemical pumping units using Solid Edge
 - Maintenance of drawing packages for all catalog items
 - Development of document control procedures and technology
- 2006–2008 Adam Aircraft Industries Englewood, CO
- 3D CAD Designer – A700 Empennage Structure
- Complex contour design and modeling of carbon composite parts using Solid Edge
 - 3D modeling and drafting using advanced features in Solid Edge
 - Assist new hires with Solid Edge and company engineering processes
 - Tool Master and Tool design for carbon composite part lay-up
 - Trained in basic carbon composite lay-up
 - Familiar with manufacturing of carbon composite aircraft
 - Exposed to FAA regulated manufacturing, engineering and design
- 1997–2006 Prolynx Internet Littleton, CO
- Partner – Internet Service Provider
- Designed and implemented corporate telecom and computer network including dial-up, DSL, Wireless Hotspots, email and web servers.
 - Directed company to keep up with consumer Internet services.
 - Kept current with data service offerings from ILEC's and CLEC's.
 - Managed company daily operations.
 - Created, designed and implemented ad campaigns.
 - Designed and created corporate web site and web sites for customers.
 - Provided customer service and telephone support to end users for all versions of Windows OS, Microsoft Office products, networking hardware, Internet connectivity and issues pertaining to Email connectivity, spam, virus and general functionality.
 - Designed, wired, implemented and serviced office networks for customers.
- 1995–1997 Beilgard Design Fremont, CA – Littleton, CO
- Electro-Mechanical Design and AutoCAD Consultant
- Professional mechanical design services for computer related industry.
 - Consulted corporations for design and in-house CAD standards.
 - Expert AutoCAD / Design / Drafting in both 2D design and 3D modeling.
- 1989–1995 Arrow Electronic, Inc. Hayward, CA
- Electro-mechanical design for Custom Products Division
- Managed custom enclosure designs from concept to production
 - Designed custom metal products such as brackets, PC enclosures, 19" rack enclosures, RAID enclosures and free-standing ATM style dispensers
 - Expert AutoCAD / Design / Programming / Drafting technician

- Worked with metal fabrication shops and vendors for best possible techniques
- Hands-on work building prototypes to get ready for production
- Wrote assembly instructions and technical manuals for line production of products
- Developed corporate CAD standards.
- Designed, built and maintained branch network from *Novell* server to PC's.

Education 1983–2006 Ongoing college courses CA and CO

- A.A., Restaurant Management, University of Michigan, Ann Arbor Extension.
- Most core graduating courses completed.
- Technical school: Electronics/Mechanical Design and Drafting. Professional AutoCAD Mechanical design and PCAD circuit board training certificate.
- Certified Advanced AutoCAD Training: AutoCAD Level II, AutoCAD Level III, AutoCAD 3D, AutoCAD AME (Advanced Modeling Extension), AutoLISP. Certificates viewable at www.beilgard.com.

Interests Racquetball (I am currently ranked in the top 1000 nationally), cycling, computers, cooking, exploring Colorado's back roads and my dog.

Skills and practical knowledge I began working with computers in 1982 when I assisted in building our high schools first computer from a *Heath Kit*. In 1985 I purchased my first PC, an 8086 with (2) 5¼" floppy drives and no hard drive. I used it to create an advanced daily, weekly and monthly book keeping spreadsheet for the restaurant that I worked for. The spreadsheet encompassed both financials and inventory. This was quite an achievement considering the available software and hardware of the time. I have since used all versions of Windows™ operating systems. I am an Expert AutoCAD and SolidEdge 3D designer. I am proficient with Microsoft Office products as well as with Microsoft FrontPage, Adobe Acrobat writer, Visio and Adobe Photoshop. I have the ability to find my way around most software packages quickly.

I have a strong understanding of computer hardware, especially since I used to design custom computer enclosures. I have managed design projects for customers such as Motorola, Abbott Labs, Intel and Schlumberger. I have an acute understanding of TCP/IP, network topology and routing. I have an in-depth understanding of Telco network technologies, which stems from my 9 years of owning and operating an ISP. I have a strong understanding and hands-on experience with corporate LAN and WAN networks. I have strong analytical, problem solving and trouble shooting skills with computers, software and networks.

Among other duties while in these positions I have acquired an extensive knowledge of wiring, building cabling and cable termination. I possess an array of tools to accomplish most cabling jobs.

I communicate well, both verbally and written. I have spent thousands of man-hours performing customer service and technical phone support for software, computer and Internet related services. I work well with both novice and expert end-users. My technical support goal is always to help discover the problem causing the customers issue and then get the issue resolved as quickly as possible. I am not afraid to tell a customer "I don't know the answer to that question, but I will research it and get back to you."

References See <http://www.beilgard.com/AA/ReferenceLetters.pdf>.