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## OGUZHAN ERIS

2126 Benson Ave. Apt 2C  
Tel: 646-996-1470

Brooklyn, New York 11214  
eris@ekls.com

### WORK EXPERIENCE:

#### **EKL Solutions LLC, Edison, NJ:**

◆ *Oct 2001 - Present: Partner, Technical Director*

Started a partnership to provide IT consulting and web development services to clients. Built networks, e-commerce sites and developed a web based groupware application suite. The application suite written in PHP had calendaring, scheduling, timesheets, file repository, emailing and various other modules to provide a seamless, custom designed groupware product. Application was designed to be database and user interface independent. Currently developing a Flash based Jabber client to implement AIM, MSN, and Yahoo messenger applications in one web based interface. As the technical director, responsibilities included managing all programming projects and dealing with clients personally for requirements and feedback.

#### **Modstar Productions, New York, NY:**

◆ *Sep 2000 – Oct 2001: Technical Director*

Developed games in Macromedia Flash for internet use, requiring heavy use of object oriented programming in Actionscript. Developed all code to interface a Flash multiplayer game based on a television gameshow and the required backend in Perl. Developed custom GUI elements for a role playing adventure game based on a movie. Developed all code to correctly interface with a clients API which provided live data stream for an NBA fantasy basketball game. Worked heavily with the client in coming up with the XML based asynchronous game data to provide a realtime game experience that lagged only 20 seconds behind the actual games.

#### **The Professional Development Group (PDG), The Cooper Union, New York, NY:**

◆ *Summer 2000 - Present: Systems Administrator and Multimedia Consultant*

Hired after graduation to enhance development of the Center for Professional Development's \$100,000 computer and digital film facility, oversee equipment relocation and expansion in a new networked space, and train staff in videostreaming and compression, website development, and systems operations.

#### **Electronic Data Systems (EDS), Global Financial Markets Group, New York, NY:**

◆ *Summer 1999: Database Designer and Systems Consultant*

As an intern, created a project management system utilizing a graphical database. Worked on the design of the division's database-driven internal website. Helped project managers research and define various technologies along with EDS methodologies for project proposals. Installed, configured and wrote scripts for a Linux-based webserver to network with the NT-based file servers. The scripts and the website authenticated the user against the NT-based fileserver and searched recursively through the filesystem for Microsoft Office documents with the specified query.

#### **The Professional Development Group (PDG), The Cooper Union, New York, NY:**

◆ *Fall 1997-Spring 2000: Systems Administrator, Web Site Designer, and Multimedia Developer*

Developed computer and digital film facility for educational communication and leadership projects, totalling over \$500,000, funded by the U.S. Department of Education and the National Science Foundation. Researched hardware and software, configured, installed, updated and maintained a Macintosh/PC networked environment, with Linux-based server, as well as the engineering school's first and only digital videography and film editing facility. Created customized web search engines, multiple CGI applications written in Perl, and designed multimedia content using *Flash*, *EditDV*, and *Premiere*.

#### **The Cooper Union Computer Center, New York, NY:**

◆ *Summer 1997-Summer 1999: Systems Administrator and Web Master*

Responsible for maintaining campus-wide UNIX-based servers on a TCP/IP network; head of team that maintained all software on over 300 PCs via an automated network interface, which was written and updated by the team. As head of the troubleshooting group, responsible for making sure all campus-wide computer and network-related problems were solved in a timely manner.

#### **The Cooper Union Computer Center, New York, NY:**

◆ *Winter 1997-Summer 1997: Computer Operator*

Provided support and technical assistance to users on a multi-platform environment which included Windows 95/Linux PCs, MACs, SGIs, and SunSPARC stations. Aided faculty and student users in various applications and multi-level programming.

### EDUCATION:

**The Cooper Union for the Advancement of Science and Art:** 1996-2000 – *Four-year full-tuition scholarship*  
*Bachelor of Electrical Engineering, May 2000 - Cumulative G.P.A.: 3.0/4.0*

**Computer Languages:** C, Perl, PHP, Flash Actionscript, JavaScript, Visual Basic, SQL, Prolog, HTML, Shell Programming, Assembly (x86), VHDL; limited Java and C++.

**Operating Systems:** Linux, MS-Windows (All Versions), MS-DOS (All Versions), Irix, Solaris, SunOS, MacOS (All Versions).

**Software:** MATLAB, OrCAD, B<sup>2</sup> Logic, SPICE, Cadence; Apache Web Server; Photoshop, Truespace, Premiere, EditDV, Apple Final Cut Pro, Flash, Dreamweaver, ImageReady, FireWorks; Microsoft Office; WordPerfect Office.

**Language Skills:** Speak and read Turkish fluently.

**Honors:** *President*, Institute of Electrical & Electronics Engineers (IEEE) Local Student Chapter; *President*, Tau Delta Phi National Fraternity, Local Chapter; *Participant and Co-Facilitator*, Outward Bound® Leadership Training Course; *Engineering School Representative*, Student Government; Awardee of Leadership Certificate *summa level* in the LEAP (Leadership in Engineering Advancing the Profession) Program.