

**Daniel Krol**  
207 East Ohio Street #437  
Chicago, IL 60611

952-836-7070  
dan@danielkrol.com

**Objective:** To find creative ways to use computers to help simplify and organize our lives.

## Work History

- **Contractor** Nov. 2009 - Dec. 2009  
Reusable Bags Chicago, IL
  - Site bug fixes/updates in PHP/SQL
  - Script to update transaction statuses for missed Paypal transactions, PHP
  - Shipping house entry form using JS/Jquery and PHP/Zend Framework
- **Software Engineer** Feb. 2006 - Present  
Oracle (formerly Stellent) Chicago, IL
  - Bug fixes and general maintenance for spreadsheet file parsers for Outside In, in C
  - Implemented features for spreadsheet file parsers for Outside In, in C
- **Temporary Position: In House Software Development** Jun. 2005 - Nov. 2005  
Metal Treaters Inc. St. Paul, MN
  - Developed a timer display board for industrial ovens, including Requirements Gathering, Design, Implementation in Visual Basic .NET, and Validation/Support

## Projects

- **Django Website: argumentclinic.net** An experimental debate site in progress. Includes debates, sub-debates, and debate proposals. See "about" section for details. So far has had a handful of active users.
- **Industrial Oven Schedule Display** Created for Metal Treaters Inc. Input, conveniently display, and give alerts for removal times for items in a series of metal treating ovens. Gathered requirements from shop manager and employees, designed, implemented in VB .NET. Currently in use at MTI, St. Paul MN.
- **Robot with speech recognition** Responsible for project software design and implementation, including two micro-controllers (in C) and interfacing them with a custom serial connection. 3rd place in Communications, Education, & Government track on IPRO Day, and winner of IIT's Enpro Challenge in Fall 2004.

## Skills

**Languages:** C, C++, Python, HTML, XML, CSS, PHP, Visual Basic

**Operating Systems:** Linux (Ubuntu, Gentoo, Arch)

**Other:** Django, GUI development, Robotics, File format parsing

## Education

- **Illinois Institute Of Technology** Chicago, IL  
B.S., Computer Engineering, 2001-2005

## Misc

**Interests/Activities:** Personal programming projects, Collecting old video games, Juggling, Biking, Chicago GNU/Linux User's Group, Free and Open Source Software