William M. Dignazio

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Education

- **Rochester Institute of Technology - New York**   rit.edu
  Freshman Computer Science Student   Aug. 2011-Current
  - **Available for internship: Summer 2012**
  - PFOS: 3.0
  - Key Courses: Intro To Computer Science, Data Structures Problem Solving, Leadership

Experience

- **Computer Science House:**   csh.rit.edu
  Active Member   Aug. 2011-Current
  - Freshman Project - Helped organize and run a game tournament, raising over $600
  - Major Project - Required yearly technical project evaluated by peers
- **Internship**   State Rep. Mike Turzai
  Office Intern   Sophomore Year 2008
  - Worked under State Representative Mike Turzai
  - Learned communication skills working with constituents
  - Wrote various letters for awards and ceremonies
- **Employment**   Ingomar Beer Distributor
  Cashier/General Employee   Senior Year/Summer 2010-2011
  - Worked alone, handling customers and merchandise
  - Handled ordering and placing stock
  - Learned to deal with customers and the public

Skills

Operating Systems:

- Linux (Archlinux, Slackware, Ubuntu, Fedora)
- Windows (XP, Vista, 7)

Programming Languages:

- Proficient in: C, Assembly(NASM), Python, Bash, C#, Java
- Familiar with: C++, Latex, Batch

Projects

Available on github.com/WillDignazio

- **Foundation**   C
  - Open Source Kernel
  - Boots and operates on IA32 hardware
  - Video, keyboard, PIT, and textmode drivers written

- **Atlas**   Assembly
  - IA32 Bootloader
  - Boot platform for quick testing and ease of use
  - Linkable with any C/C++ or elf32 supported language

- **Neo File System**   C
  - Linked list based file system
  - Designed for use with Foundation and Atlas

- **Apparition**   Python
  - Gnome 3 desktop notifier
  - Designed to be the linux Growl equivalent
  - Written in python using Gtk3