

William M. Dignazio

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<http://slackwill.com>

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Education

- **Rochester Institute of Technology - New York**

rit.edu

Undergraduate Computer Science Student

Aug. 2011-Present

– Independent studies in:

- * Systems Programming
- * Kernel Development
- * Systems Administration

Experience

- **ITS**

Information & Technology Services

Infrastructure Engineer

June 2012 - Present

- Handled basic maintenance and feature tickets
- Worked in a business focused environment
- First experience in a large project, encompassing database management, general support, networking, email, and all basic needs of RIT's virtual infrastructure.

- **Newstex**

newstex.com

March - May 2012

Freshmen Year at RIT

- Worked with cloud applications, including Boto and Botoweb
- It was my introduction to cloud infrastructure
- Wrote primarily python based applications

- **Computer Science House:**

cs.h.rit.edu

Eboard - OpComm Director/L

Active Member

- System Administrator - Operations and Communications Director (OpComm)
- Major Project - Required yearly technical project evaluated by peers
- Freshman Project - Helped organize and run a game tournament, raising over \$600

Skills

Operating Systems:

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

Programming Languages:

- Proficient in: C, Haskell, Assembly(NASM), Python, Java
- Familiar with: Batch, Bash, Makefile

Projects

Available on github.com/WillDignazio. Private repo's trackable at git.slackwill.com

- **Foundation**

C

- Open Source Kernel
- Boots and operates on IA32 hardware
- 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

- **slackbot**

C

- IRC Bot
- Handles CSH IRC channels
- SSL/LDAP support