

William M. Dignazio

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<http://slackwill.com>

Education

- **Rochester Institute of Technology - New York** rit.edu
 - Undergraduate Computer Science Student Aug. 2011-Present
 - Expected Graduation Date: June 2016
 - Core Courses: Computer Science[1-4], FOSS (Free & Open Source Software), Leadership

Experience

- **ITS** Information & Technology Services
 - Infrastructure Engineer June 2012 - Present
 - Handled software maintenance and feature tickets
 - Worked in both an academic and business environment
 - Basic database management, technical support, networking, email, and all basic needs of RIT's virtual infrastructure.
- **Newstex** newstex.com
 - Web Programmer March - May 2012
 - Worked with cloud applications, including Boto and Botoweb
 - Gained experience in modern cloud application development
- **Computer Science House:** csh.rit.edu
 - Systems Administrator Active Member
 - OpComm - Operations and Communications Director
 - 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: LaTeX, Batch, Bash, Makefile

Extracurricular Hobbies:

- Systems Programming
- Kernel Development
- Systems Administration

Projects

Available on github.com/WillDignazio. Private code repositories 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