

# JEFFREY HOGAN

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## SUMMARY OF QUALIFICATIONS

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A final-semester university student in Computer Science with two years of network administration and web design experience, specializing in the development, management, implementation, and support of application and website code.

➤ **Portfolio:** <https://github.com/futuernorn/>

## EDUCATION

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*Bachelor of Science (B.S.), Computer Science*  
Texas State University

**Expected August 2015**  
**San Marcos, TX**

- **Minor:** Mathematics

## ACADEMIC AND INDEPENDENT PROJECTS

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**Book Reading Social Media Site**

**September 2014 – December 2014**

- Designed and developed a database-driven web application that allowed users to review books and record reading activity as part of a four-member team.
- Coded and styled the application in HTML, Bootstrap, and Python using the Flask microframework with the Jinja 2 template library.

**Automated Home Security Interface**

**June 2014 – July 2014**

- Developed an automated home security interface in Java as part of a four-member team.
- Implemented and utilized a 3<sup>rd</sup>-party Java library using Raspberry Pi I/hardware to monitor sensors, control external security hardware, and establish trigger events.
- Wrote a 12-page paper and delivered an accompanying 15-minute presentation detailing program UML class diagrams, user interfaces, and use case diagrams.

**Online Guild Inventory Management Website**

**January 2013 – August 2013**

- Created an inventory management website for an MMORPG using a PHP front-end and MySQL database.
- Exported user-generated data from MySQL and online spreadsheets with PHP scripts to a local file for use with a companion in-game add-on coded in LUA.

## WORK EXPERIENCE

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*Junior Administrator II*

**December 2013 – Present**

*Junior Administrator I*

**June 2013 – December 2013**

HostGator.com, LLC, Support Department

**Austin, TX**

- Troubleshoot and resolved up to 450 web hosting service technical and sales issues per week via phone, online chat, and tickets as part of a 100-member support team.
- Resolved server-side and configuration issues, which included configuring PHP settings, Apache directives, and Content Management Software (CMS), as well as resolving problems in pre-sales and billing.

*Web Developer*

**May 2012 – June 2013**

Cisco Systems Inc.

**Austin, TX**

- Designed and implemented an internal online project management portal with Perl and Oracle Database for a 25-member Engineering Operations department.
- Programmed a companion script in Perl to generate HTML-based project status emails based on the latest details entered in the project management portal.
- Developed a compliance tracker for developing hardware and software projects in Perl using an Oracle database backend with data imported and parsed from MS Excel spreadsheets.
- Created a Perl-based project meeting archival tool that enabled users to parse notes directly from uploaded meeting minutes documents.
- Designed the project overview webpage with in-place note editing functions using jQuery and Perl.

## TECHNICAL SKILLS

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- **Languages:** PHP, Python, C/C++, Java, Ruby, HTML, CSS, JavaScript, SQL, Perl, Shell Scripting
- **Software:** Apache, MySQL, PostgreSQL, MS Excel, MS Word, MS PowerPoint
- **Content Management:** FTP, WordPress, Drupal, Joomla, Confluence, Jive
- **Development and Testing:** Agile, Waterfall, SCRUM, Unit Testing, Regression Testing, Acceptance Testing