Andrew T.Hill

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Objective	To apply and expand my computer skills in a challenging position. Specifically interested in writing code, the web, open source software, and network technologies.

Education   **Coursera**, https://www.coursera.org/ (https://www.coursera.org/)

Linear Algebra through C.S. Applications With Distinction (http://andyhill.us/resume/matrix_cert.pdf)	September 2013
Software Engineering for Software as a Service (Part I) 1917.3/2126 (http://andyhill.us/resume/saas_cert.pdf)	March 2012

Indiana University, Bloomington, IN

Graduate course: Computer Networks 4.0/4.0	December 2007
Unix Systems Support Group Unix Certification	August 2003
Bachelor of Science in Computer Science GPA since returning: 3.5/4.0	May 2003
Completed coursework in Anthropology GPA 3.2/4.0	1989-1992

Computer Skills

Languages: Java, JavaScript, ColdFusion, PHP, Apache Ant, C/C++, Bash, Python, Ruby, C#, Scheme, Perl

Web: Spring Boot, Laravel, React, Redux, Webpack, HTML5, jQuery, CSS3/Sass, D3.js

Data: Elasticsearch, MongoDB, Oracle, MySQL, SQL Server, LDAP/ADS, JSON, XML, XPath

Work Experience   **Indiana University**, Bloomington, IN

Enterprise Systems Integration Middleware

Senior Programmer/Systems Analyst	2014-Present

As a member of a small team, maintain Kuali Rice implementation including updatating document search to use an Elasticsearch back end and build and maintain other sites which use Spring Boot, React, and Redux. We strive for continuos integration (Bamboo), practice scrum, and believe in testing, linting, peer-review and other best practices. We also maintain various services for other enterprise services, including a Nexus repository for Java and NPM artifacts, an integrated deployment process, and Elasticsearch as a service.

University Student Services and Systems

Senior Programmer/Systems Analyst	2005-2014

Maintained three extensive web sites in ColdFusion and PHP with Oracle, SQL Server, and MySQL back ends using jQuery and AJAX technologies. Build frameworks in both ColdFusion and PHP based on convention over configuration principles, allowing overrides at directory or page level, including a system to easily include jQuery plugins where needed. The frameworks have toolsets to ease sending emails, interacting with database and LDAP data stores, generating HTML, rendering and processing forms, and other common tasks. Initiated using version control (Git).

Center for Survey Research

Web Programmer	2004-2005

Implemented surveys on the web using ColdFusion/SQL Server, created interfaces for survey sponsors to view and interact with acquired data, and maintained external and internal web sites including internal survey tracking. Modularized survey programming to improve consistency of display and function, simplified and streamlined rendering and handling of survey questions. Implemented a primitive, but functional, time-keeping system.

University Information Technology Services

Computer Lab Monitor, Help Desk	2000-2004

Started as a computer lab consultant, was promoted to Support Staff position in May of 2002, which entailed supervising 140 consultants, acting as go-between to UITS higher-ups, and helping with difficult customer issues. Also contributed functionality to internal website using Perl. As a Support Center Consultant (2003), Assisted walk-in and telephone customers with computer related problems

including networking, hardware, authentication, and security issues. Continued in Support Staff

Position.

Various Restaurants, Bloomington and Indianapolis, IN

Prep Cook, Line Cook, Dishwasher, Server, Busser   1986-2002

Acquired work ethic, learned teamwork and interpersonal skills

References   Available upon request.