



J.D. Hoglan

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Experience

SOFTWARE DEVELOPMENT INTERN, ACXIOM; CONWAY, ARKANSAS – JANUARY 2015–AUGUST 2015

- ▶ Developed a Python system, along with a REST API using Flask, to analyze a given column-delimited text file and return a heuristic guess as to the content of each column.
- ▶ Designed a front-end web interface with HTML/CSS and JavaScript that allowed users to run analysis on files from any server on Acxiom's network using their existing credentials.
- ▶ Packaged our tool using Redhat Package Manager for deployment on Acxiom's infrastructure.

COMPUTER SCIENCE TUTOR (TA), HENDRIX COLLEGE; CONWAY, ARKANSAS – AUGUST 2015–PRESENT

- ▶ Tutor students in order to impart a clear understanding of core Computer Science concepts.
- ▶ Engage with students during course lab periods and evening tutor hours.

I.T. INTERN, MRE CONSULTING; HOUSTON, TEXAS – MAY 2014–AUGUST 2014

- ▶ Responsible for technical support of client businesses in the Houston area.
- ▶ Worked heavily in a Microsoft ecosystem using Active Directory tools, Exchange systems, RDP.

Education

HENDRIX COLLEGE, CONWAY, ARKANSAS (2012–2016)

- ▶ Bachelor's Degree of Computer Science
- ▶ Notable Coursework:
 - ▶ Database and Web Systems - Studied the design and implementation of database management systems and user-facing web interfaces. Worked with a team on a several month project to provide a local organization with a functional full-stack web system.
 - ▶ Scalable Software Design - Heavy focus on building products in teams with specific design goals and testability in mind. Projects included a LOGO interpreter, flashcard database, and a peer-to-peer networked game.
 - ▶ Artificial Intelligence - Implementing various forms of A.I. including A*, Adversarial Search, Multi-Layered Perceptrons, Self-Organizing Maps, Decision Trees, Q-Learning.

Skills

- ▶ Languages: Java, Python, C#, JavaScript
- ▶ Frameworks / Other: Django, Flask, jQuery, HTML / CSS, Unity Game Engine, SQL

Achievements

- ▶ First Place Team, CCSC Mid-South Regional Programming Competition, Spring 2015
- ▶ Second Place Team, Acxiom Collegiate Programming Contest, Spring 2015