J.D. Hoglan

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Experience

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

▸ Developed a Python system to analyze a given column-delimited text file and return a heuristic guess as to the content of each column. This included implementing a REST API using the Flask framework.

▸ 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, 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, Exchange, RDP.

Education

HENDRIX COLLEGE, CONWAY, ARKANSAS (2012 – 2016)

▸ Bachelor's of Computer Science (Expected Graduation: May 2016)

▸ GPA - 3.3

▸ Notable Coursework:

   ▸ Scalable Software Design - Heavy focus on building products with specific goals and unit tests 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, and Decision Trees.

   ▸ Survey of Programming Languages - Explored a wide variety of programming languages and paradigms using Smalltalk, Racket, Haskell, Fantom, Swift, Go, Rust, Scala, and more.

Skills

▸ Languages: Java, Python, C#, JavaScript, HTML/CSS

▸ Frameworks/Other: Flask, jQuery, 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