Jeff Puckett

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Employment

- **Programmer** : University of Arkansas
  April 2015 - Present
  https://github.com/razorbacks
  https://github.com/uawcob
  Architects, implements, and maintains a variety of web applications and modular libraries using a Test-Driven Development methodology with PHP, the Laravel MVC framework, XSLT, ASP.NET, and Javascript (both client-side and server-side with Node JS). Well versed in dependency management systems such as composer, npm, and apt. Capable with front-end pre-processor languages like Sass and transpiling build tools for minification and optimization such as Webpack, Gulp, and Babel. All code strictly managed under version control with continuous integration deployment strategies based on git-flow. Responsibilities include being System Administrator for Linux servers tuning Apache, Nginx, OpenSSL, and Docker configurations. Writes scripts for assorted tasks in Bash and Powershell.

- **Instructor** : University of Arkansas, Department of Information Systems
  Fall 2016 - Present
  https://github.com/isys4283
  https://isys4283.walton.uark.edu
  Teaches senior undergraduate course on database design and application development with C# using Microsoft SQL Server, Teradata, and MySQL.

Education

- **Masters, Information Systems** : University of Arkansas
  Graduated 2016
  Focus on systems analysis and design for enterprise transaction systems with an emphasis in business process re-engineering and data analytics. Included work on COBOL programming with DB2 for IBM mainframe applications, and data mining techniques with SAS Enterprise Miner, SPSS Modeler, and Tableau. Authored Java desktop applications using Model View Controller paradigm.

Extra

- **Security** : Author of GPG Locker
  https://github.com/gpgl
  Modern cryptographic console application built on top of GnuPG with an HTTP server tier for distributed synchronization.

- **Artificial Intelligence & Machine Learning**
  Implemented C++ reinforcement learning algorithms in CS graduate school classes utilizing neural networks to train agents mastering video games.

- **Licensed Pilot** : Single Engine Sport

- **HAM Radio Operator** : KD5OJL

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