

Jeff Puckett

<https://jeffpuckett.com>

jeff@jeffpuckett.com

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

- **Artificial Intelligence & Machine Learning**

<https://github.com/jpuck/snappybird>

<https://github.com/jpuck/neural-network>

Implemented C++ reinforcement learning algorithms in CS graduate school classes utilizing neural networks to train agents mastering video games. Ported the neural network compiled with extern C as a PHP native extension.

- **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.

- **Licensed Pilot** : Single Engine Sport

- **HAM Radio Operator** : KD5OJL