https://www.linkedin.com/in/pkshreeman
https://github.com/pkshreeman
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Dr. Paul K. Shreeman

Rocklin, CA
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Software engineer experienced in Networking/IT and learning the latest in web application development including working in Linux, MacOS, Windows environments.

Education

Udacity	[Full Stack Web Developer Nanodegree](#)	May 2017
Free Code Camp	[Front-End Development Certificate](#)	October 2016
SUNY- Albany	Ph.D in Nanoscale Science and Engineering *[Modified Statistical Dynamical Diffraction Theory](#)*	August 2012
Southern Illinois University	**Bachelors of Science** Physics / Mathematics Minor	December 2004

Skills

Programming Languages: HTML5, CSS3, Python, Javascript.
Frameworks/Libraries: jQuery, Bootstrap, Google's Cloud App, Flask, Django, KnockOut
Networking/IT: CCNA, A+, Window Server 2003/2008, Virtualizations, Linux, MacOS, Windows

Programming Projects

Neighborhood Analyzer   https://github.com/pkshreeman/Project-NeighborhoodMap
- Develop integrated multiple API for smooth user's experience based on the current geolocation
  - NY Times, MediaWiki, OpenWeatherMap, Yelp, Google Maps, Google Places
- Design front-end with CSS3, HTML5, Javascript, jQuery, Knockout.js(MVVM)
- Implemented temporary instance of server to handle Yelp Fusion's API (no CORS/JSONP) for demonstration.

Markdown Previewer   http://codepen.io/pkshreeman/pen/qqXEBQ/
- Use React.js to render Markdown on real-time basis as part of Free Code Camp Data Visualization project
- Design the interface by writing in CSS3 (SASS), HTML5, and Javascript while learning about Babel, JSX
- Meet the agile user stories and match an example project for a successful project submission

Employment History

Training and Development Specialist   *Purple Communications, Inc*   Rocklin, CA | November 2016 - April 2017

- Train two new employees to become proficient at their customer and technical support positions.
- Propose new workflows for streamlining operations for increased efficiency.
- Develop training manuals, technical and product guide covering technology, Salesforce CRM, software protocols.

Founding Director   *Lystroics, LLC*   Austin, TX | March 2015 - September 2016

- Provided two full production and professional videos by editing with Final Cut Pro X
- Developed a beta product featuring LMS-based website using Wordpress with LearnDash.
- Handled all legal procedures for Certification of Formation and Certification of Termination.

Graduate Research Assistant   *University at Albany*   Albany, NY | August 2005 - August 2012

- Implemented genetic (evolutionary) algorithm for automatic fitting of interpolated data.
- Developed a new mathematical model with Mathematica to integrate several X-ray diffraction theories to characterize defective thin films.
- Published several peer-reviewed publications and successfully defended the research dissertation to complete the PhD requirements.