Kevin DeLoach
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Warner Bros. Digital Labs, *Software Engineer*   2018-02 – Present

– Responsible for designing and implementing APIs for curating content, user rights management, user generated content, static asset management, and payment processing for *DC Universe* and *Boomerang* video streaming platforms using Python, Django, Go, MySQL, and AWS

TellusLabs, *Software Engineer*   2017-06 – 2018-02

– Created mission critical distributed services to collect, process, and ingest remote sensing data and satellite imagery, to produce daily crop yield forecasts for our flagship product, *Kernel*
– Processed terabytes of geospatial data using Python, Docker, Airflow, GDAL, NumPy, Celery, RabbitMQ, AWS, and SaltStack

Azavea, *GIS Software Developer*   2014-01 – 2017-06

– Created web-based mapping applications using Python, Django, Docker, PostgreSQL, ReactJS, Redux, Leaflet, and deployed to AWS using Packer, Ansible, Terraform, and CloudFormation
– Significant role in sprint planning, requirements gathering, project architecture, interviewing, maintaining high levels of code quality, and promoting standards and best practices
– Professional services clients included *Stroud Water Research Center*, *The Nature Conservancy*, *The U.S. Army Corps of Engineers*, *The Philadelphia Water Department*, *Department of Records*, and the *New York City Department of Parks & Recreation*
– Principal contributor to *NYC Trees Count!*, *Model My Watershed*, *Coastal Resilience Mapping Portal*, *Unified Land Records System*, and *Raster Foundry* projects

IBM Tealeaf Technology, *Software Engineer*   2012-06 – 2013-09

– Provided technical support, drafted documentation, and implemented web analytics visualizations such as clickmaps, conversion funnels, attention maps, and more for *cxOverstat*, *cxImpact*, and *Browser Based Replay*

Elements, Inc., *Software Developer*   2008-08 – 2011-12

– Developed franchise-oriented CMS, bug tracking software, automation tools, web services, and custom applications for franchise, health care, real estate, and private equity industries
– Generated thousands of search engine optimized local franchisee websites for national franchises such as *Maaco*, *CertaPro Painters*, *Floor Coverings International*, and *Weed Man Lawn Care*
– Utilized wide range of technologies to deliver client services including C#, VB.NET, IIS, SQL Server, PHP, Apache, Flash, Flex, and Adobe AIR

Verve Internet Solutions, *Web Developer*   2007-12 – 2008-08

– Developed features for proprietary CMS, integrated with third party APIs, maintained legacy software, and produced websites using PHP, MySQL, and Apache
– Created cross-browser compatible XHTML templates from Photoshop PSDs that comply with accessibility and Section 508 standards
– Provide technical support, maintenance, and website updates for local non-profit organizations in the Philadelphia area such as *The Delaware Valley Green Building Council*, *The Consumer Credit Counseling Service of Delaware Valley*, *The Philadelphia Mummers Fancy Brigade Association*, and *Merion Mercy Academy*