

# KEVIN DELOACH

PHILADELPHIA, PA

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**Warner Brothers Digital Labs**, *Software Engineer*

2018-02 – Present

**TellusLabs**, *Software Engineer*

2017-06 – 2018-02

- Automated mission critical services to collect, process, and ingest remote sensing data and satellite imagery to produce daily crop yield forecasts
- Processed terabytes of geospatial data using Airflow, Docker, Python, GDAL, NumPy, Celery, and RabbitMQ on AWS managed by SaltStack
- Developed internal geoprocessing tools to support Data Science team and coordinated with Kernel product team to deliver as much value to customers as possible

**Azavea**, *GIS Software Developer*

2014-01 – 2017-06

- Created web-based mapping applications using Docker, Django, PostgreSQL, ReactJS, Redux, Leaflet, and deployed services 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 include *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*
- Notable projects include NYC Trees Count!, Model My Watershed, Coastal Resilience Mapping Portal, Unified Land Records System, and Raster Foundry prototype

**IBM Tealeaf Technology**, *Software Engineer*

2012-06 – 2013-09

- Worked on visualizations for mouse clicks, conversion funnels, and other user interactions for web analytics software, Tealeaf cxOverstat
- Implemented features, researched UI/UX design, drafted documentation, and provided technical support for cxOverstat, cxImpact, and Browser Based Replay

**Elements, Inc.**, *Software Developer*

2008-08 – 2011-12

- Developed franchise-oriented CMS, bug tracking software, build automation tools, web services, and custom applications for franchise, health care, real estate, and private equity industries
- Worked with corporate and local business owners from national franchises such as *Maaco*, *CertaPro Painters*, *Floor Coverings International*, and *Weed Man Lawn Care* to create email marketing campaigns, improve customer engagement, and generate thousands of search engine optimized local franchise websites
- Utilized wide range of technologies to deliver client services including IIS, Apache, MSSQL, MySQL, C#, VB.NET, PHP, Flash, Flex, and Adobe AIR

**Verve Internet Solutions**, *Web Developer*

2007-12 – 2008-08

- Worked with 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*, to provide technical support, maintenance, content updates, and website enhancements
- Developed features for proprietary CMS, maintained legacy software, and produced websites using dynamic code generation
- Created pixel perfect cross-browser compatible XHTML websites from Photoshop PSDs that comply with accessibility and Section 508 standards