

KEVIN DELOACH

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- Penn Interactive Ventures**, *Senior Software Engineer* 2020-01 – 2021-02
- Developed backend APIs for *Barstool Sportsbook*, an online sports betting app, using Python, Django, Go, Postgres, and AWS; integrated with *White Hat Gaming*, *Kambi*, *GeoComply*, *Shufti Pro*, and *LexisNexis ThreatMetrix* to support travelling wallet, KYC, and geoverification
 - Designed user flows for registration, KYC, and travelling between states, to comply with regulations from gaming control boards such as *GLI*, *PGCB*, and *DGE*
- Warner Bros. Digital Labs**, *Senior Software Engineer* 2018-02 – 2020-01
- Developed backend APIs for video streaming platforms *DC Universe* and *Boomerang* using Python, Django, Go, MySQL, and AWS; integrated with *Braintree*, *Swifttype*, and *Discourse*
 - Collaborated with product team to build APIs for content rights management, predictive assets, search, premium offerings, and compliance with *GDPR* and *CCPA* regulations
- TellusLabs**, *Software Engineer* 2017-06 – 2018-02
- Created pipelines to collect, process, and ingest remote sensing data and satellite imagery, to produce daily crop yield forecasts for *Kernel*, an Earth observations database
 - 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, and Leaflet; deployed to AWS using Packer, Ansible, Terraform, and CloudFormation
 - Worked on the Civic Apps team to build software for *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*
 - Contributed 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
- Implemented visualizations for *cxOverstat* clickmaps, conversion funnels, and attention maps; integrated original *cxOverstat* standalone application into *cxImpact* and *BrowserBased Replay*
- ScreenMatter**, *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*
 - Built custom applications using C#/VB .NET, SQL Server, PHP, Flash, Flex, and Adobe AIR
- Verve Internet Solutions**, *Web Developer* 2007-12 – 2008-08
- Developed features for proprietary CMS, integrated with third party APIs, provided technical support, and maintained websites for clients using Linux, Apache, MySQL, and PHP
 - Produced websites for local non-profit organizations: *The Delaware Valley Green Building Council*, *The Consumer Credit Counseling Service of Delaware Valley*, *The Philadelphia Mummery Fancy Brigade Association*, and *Merion Mercy Academy*