

Kevin Dela Rosa

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EDUCATION

- **Carnegie Mellon University** Pittsburgh, PA
Master of Computer Science in Language Technologies August 2011
- **University of Texas at Arlington** Arlington, TX
Bachelor of Software Engineering & Physics (double major) May 2009

RECENT EXPERIENCE

- **Snap, Inc.** Seattle, WA
Software Engineer June 2016 - Present
 - Developed machine learning models for various products, including scene classifiers for use in intelligent lenses, image segmentation and object detection models for scan based lens recommendations, and video/text classifiers for ads review
 - Architected a data warehouse that houses large scale computer vision datasets, deployed big data jobs that routinely ingest millions of images, and implemented transforms that connect the dataset catalog to our training and visualization infrastructure
 - Launched Snapchat's Widgets & Context Cards products, focusing on performance optimizations, getting the UI pixel perfect, and instrumenting business metrics
- **Amazon.com, Inc.** Seattle, WA
Software Development Engineer II Sept 2011 - June 2016
 - Led a team of 7 engineers to develop an Apache Spark based product de-duplication system targeting potential duplicates among recently published items on Amazon.com
 - Enabled the launch of 30 new Amazon.com product categories by collaborating with the business teams to develop product validation logic and matching criteria

SELECT PUBLICATIONS & TALKS

My papers have over 250 citations, for more details see google scholar.

- **Adding intelligence to your JS applications** Invited Talk: CascadiaJS
K Dela Rosa 2015
- **Topical Clustering of Tweets** ACM SIGIR Workshop on Social Web & Mining
K Dela Rosa, R Shah, B Lin, A Gershman, R Frederking 2011
- **Text classification methodologies applied to micro-text in military chat** ICMLA
K Dela Rosa, J Ellen 2009

RECENT ACTIVITIES & AWARDS

- **Capture the Flag - 3rd Place** DEFCON 26
Competed solo in Def Con AI Village's inaugural capture the flag contest, placed 3rd 2018
- **iFood2018 Challenge - 5th Place** CVPR
Competed solo in the iFood 2018 fine-grained visual classification competition, placed 5th 2018
- **Ethical Hacker** University of Washington
Completed a three-course certificate program on ethical hacking/penetration testing 2018
- **Scientific Committee Member** Language Resources and Evaluation Conference
Member of scientific committee, reviewed paper submissions 2014, 2016, 2018

SKILLS & TECHNOLOGIES

- **Coding:** Python, Java, JavaScript, Go **Infrastructure:** AWS, Google Cloud, Docker
- **Machine Learning:** TensorFlow, PyTorch, Kubeflow **Big Data:** Apache Spark, Airflow, Beam/Dataflow