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| J. Paulo C. Panaligan | | |
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| Skills Profile | | |
| * Experienced in configuring Zeppelin and Jupyter data science tools * Over 5 years of collective experience with MongoDB, PostgreSQL, MySQL, and Microsoft SQL Server * Over 7 years of collective experience writing Python, Java, Scala, PHP, and bash * Use of proper systems integration, version control, and testing practices using Git, Jenkins, and Puppet * Experienced in configuring cloud computing big data processing systems on AWS and Google Cloud Services | | |
| Employment History | | |
| Data Science Engineer, *Rubicon Project* | | 8/15/2016 — Ongoing |
| ATARI – AutoToggle Ad Request Index   * GLF to shape traffic when optimizing on a specific KPI; assigns a p-value to an ad request given a set of attributes * Used in a similar fashion to *ELMo*, but has a higher retraining frequency to better adapt to a changing marketplace   ELMo – Expanded Linear Model   * Linear model expanded over multiple variables to score the quality of a given ad request * Used to identify low value ad requests and mitigate ad serving CPU utilization concerns during times of duress   NHT Detector – Non-Human Traffic Detector   * Outlier detection algorithm written in Hadoop; generates PDF of each attribute and flags outliers for human review * Flagged attributes have configurable weights for amorphous identification of anomalous behavior | | |
| Software Engineer, *Rubicon Project* | | 11/18/2013 — 8/14/2016 |
| Seller Data Feeds – Log file aggregation and delivery   * Log file aggregation in Hadoop, MySQL process state database, Python data packaging and delivery, and PHP UI * Jenkins job collects, removes invalid records from, and packages logs for delivery via GCS, S3, and SFTP   Proteus – Configurable JavaScript injection library; Patent Pending   * Used to evaluate advertising creatives while being rendered by the browser * Can be used to inject configurable JavaScript code depending on the end environment   Unregistered Advertisers Dashboard – Internal tool for advertiser classification   * Data aggregation written in Hadoop, MySQL database architecture, and Angular.js user interface * Identifies highest value unregistered advertisers and provides internal users with a classification dashboard | | |
| Lead Engineer, *Menlo Avenue* | | 5/12/2016 — 12/15/2016 |
| myPMG - A community built specifically for doctor mothers   * Managed a remote team to implement a mobile friendly web application built on Telescope * Lead a team to implemented a Stripe pay wall Meteor package to restrict content access   **Co-Founder, *Snyc***  10/3/2013 — Summer 2015  *Snyc - Ephemeral social updates broadcast to your friends at a moment’s notice*   * Designed and implemented backend API using the Play Framework; written in Scala and Java * Deployed and managed system infrastructure running on Centos 5 | | |

EDUCATION

BS Computer Engineering and Computer Science, University of Southern California