

# J. PAULO C. PANALIGAN

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## SKILLS PROFILE

- Focused, driven, and eager to learn cutting edge technologies
- High level of competence querying PostgreSQL, MySQL, and MongoDB databases
- Daily experience writing Python (NumPy, SciPy, Pandas), Java, Scala, PHP, and bash code
- Use of proper systems integration, version control, and testing practices using Git, Jenkins, and Puppet
- Cloud computing big data processing systems on AWS (EMR) and Google Cloud Services

## EMPLOYMENT HISTORY AND PERSONAL PROJECTS

**Software Engineer (Data Science), *Rubicon Project*** 11/18/2013 — Ongoing  
*Los Angeles, CA*

- Working on mathematical models to intelligently filter marketplace inventory
- Designed and implemented algorithmic non-human traffic detection
- Designed and implemented full-stack application using micro-services to aggregate and deliver log level data feeds
- Provisional patent application on a prototype ad delivery technology
- Member of team directly working with CTO to develop algorithms and models for marketplace optimization

**Software Engineer, *Dun & Bradstreet Credibility Corp.*** 2/24/2012 — 11/15/2013  
*Malibu, CA*

- Designed and implemented credibility and business API using Slim2 PHP framework
- Designed and implemented business owner verification services using 2 legged OAuth2 principles

**Software Developer, *Live Entertainment Network*** 5/18/2011 — 1/7/2012  
*Los Angeles, CA*

- Designed and implemented SDK and APK for third party client applications
- Managed a team to develop internal content management system

**myPMG, *Menlo Avenue*** 5/12/2016 — 12/15/2016  
*A community built specifically for doctor mothers*

- Managed a remote team to implement a mobile friendly web application built on Telescope
- Implemented a Stripe pay wall Meteor package to restrict content access

**Snyc, *Menlo Avenue*** 10/3/2013 — Summer 2015  
*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

**University of Southern California**

- **Major:** BS Computer Engineering and Computer Science
- **Minor:** Music Industry