Lester J. Pi

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EDUCATION

University of California, Los Angeles, June 2017
- Master of Applied Economics, M.A.E.
- GPA: 3.65

University of California, Santa Cruz, June 2015
- Computer Science, B.S. & Economics, B.A.
- GPA: 3.14

WORK EXPERIENCE

Viant Inc.

Software Engineer Intern (October 2015 – June 2016)
- Open sourced CacheStore, a distributed key value storage system based off Project Voldemort.
- Verified data quality by analyzing over 1.2 billion records using Google BigQuery.
- Wrote automated data analysis program for the Audience Builder tool.

University of California, Santa Cruz

Computer Science Grader/Tutor (March 2013 – December 2013, January 2015 – March 2015)
- Led class sections of 30 to 40 students where teaching assistants were not available.
- Answered programming related questions and gave aide to students in class sections.

Power-All Networks

Android Programmer and Tester Intern (June 2014 – August 2014)
- Lead designer and programmer for Android application intern project, Behavior Control.
- Tested Nabi and Nabi Jr. handheld devices and gave reports to the development team.

PROJECTS

CacheStore Open Source
- Wrote startup scripts, unit tests, and documentation for both internal and public usage.
- Managed version control and Maven Central Repository syncing of module jars and libraries.
- Created the CacheStore website that is currently being hosted on GitHub Pages.
- Contributed to Viant's GitHub landing page and created Viant's Data Engineering page.
- CacheStore Website: http://viant.github.io/CacheStore/

Audience Builder
- Audience Builder is a feature in Identity Management Platform used to manage and segment different profile and data attributes.
- Created estimation data from first and third party data totaling over 1.2 billion records that is being used for Audience Builder's estimation numbers.
- Automated estimation process to run in production using a MapReduce model on Google Compute Engine.
- Inherited previous data ingestion program and customized for future ingestion requests.

Bike Remote Sensing
- System detects cars in biker blind spots and warns users of passing cars via Android app.
- A member of a team of 5 using Agile project management methodologies.
- Android application development and contributions to the detection algorithms.
- Project GitHub: https://github.com/jpdef/BRS

SKILLS

- Programming Languages: Java, Shell Script, Python, C, SQL, HTML, XML, CSS
- Tools: R, Google Big Query, Google Compute Engine, Google Cloud Storage, Maven, JIRA
- Operating Systems: Windows, OS X, Unix