Lester J. Pi

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EDUCATION

University of California, Los Angeles (UCLA) **Expected June 2017**

- Master of Applied Economics, M.A.E.
- GPA: 3.70

University of California, Santa Cruz (UCSC) **June 2015**

- Computer Science, B.S. & Economics, B.A.
- GPA: 3.14

WORK EXPERIENCE

Viant **October 2015 – June 2016**

Software Engineer Intern

- 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 (UCSC) **March 2013 – March 2015**

Computer Science Grader/Tutor

- Led class sections of 30 to 40 students.
- Answered programming related questions and aided to students in class sections.

Power-All Networks **June 2014 – August 2014**

Android Programmer and Tester Intern

- Project designer and programmer for Android application intern project, Behavior Control.
- Tested Nabi and Nabi Jr. handheld devices and wrote detailed reports to development team.

PROJECTS

Yelp Dataset Challenge 9 https://github.com/ljpi/yelp_challenge_9

- Research project modeling restaurant reviewer behavior during The Great Recession.
- Extracted and transformed large amounts of data from the Yelp dataset.
- Applied econometric and natural language processing techniques to find and model results.
- LaTeX research report in progress for contest submission.

Audience Builder https://viantinc.com/solution/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.
- Automated estimation process to run using a MapReduce model on Google Compute Engine.
- Inherited previous data ingestion program and customized for future ingestion requests.

CacheStore Open Source http://viant.github.io/CacheStore

- High speed key-value hybrid database using memory cache and disk.
- 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.

SKILLS

- Programming Languages: R, Java, Shell Script, Python, C, SQL, HTML, XML, CSS
- Tools: Google BigQuery, Google Compute Engine, Google Cloud Storage, JIRA, Git, LaTeX
- Operating Systems: Windows, OS X, Linux