

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: 3.65

University of California, Santa Cruz (UCSC)

June 2015

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

WORK EXPERIENCE

Viant Inc.

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

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

- Lead 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

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.

Bike Remote Sensing

<https://github.com/jpdef/BRS>

- Detects cars in biker blind spots and warns users of passing cars via Android app.
- Utilized AGILE project management methodologies.
- Developed Android application and contributed to the detection algorithms.

SKILLS

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