

FELIPE RONDEROS

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EDUCATION

Louisiana State University, Baton Rouge, LA
Bachelor of Science in **Computer Science**
Concentration: Data Science and Analytics

December 2017
GPA 3.52

Scholarships

- Global Leaders Scholarship – Awarded to top 50 incoming students based on SAT scores and GPA
- Flagship Scholars Award – Awarded to top incoming students based on SAT scores and GPA

INDEPENDENT PROJECTS

Flight Time Analysis

2017

goo.gl/e1e94y

Developed a Big Data application which used flight log data to generate a list of IATA Airport Code pairs or “routes” (e.g. MSY-BTR) and the average flight time difference for routes depending on the direction in which they were flown. Implemented using MongoDB, Hadoop MapReduce and a Python logging script which ran on AWS.

Community Website

2016

Developed a “social network” web application with CRUD functionality for a class project. Implemented using Node.JS with Express, Handlebars Templates, and Passport for sessions and authentication. Data was stored in a PostgreSQL database. The application and database were hosted on AWS.

Meeting App

2016

play.google.com/store/apps/details?id=com.feliperonderos.meetingapp

Developed an Android Application which allows users to create and share meetings and keep track of participants’ locations. The application was implemented in Java using SQLite Database, the Google Places API and Android Intents and Services. The associated API and website run on Google App Engine.

Scheduler App

2015

play.google.com/store/apps/details?id=calendarview.com.feliperonderos

Developed an Android Application which allows users to add, visualize and interact with repetitive tasks in their schedule. Implemented in Java using SQLite Database, fragments and custom UI classes.

RELEVANT SKILLS

- **Programming Languages:** Java, Python, JavaScript, C, C#, x86 assembly
- **Databases:** MySQL, PostgreSQL, SQLite, MongoDB, HBase, Memcached
- **Frameworks:** Node.JS, Hadoop MapReduce, Pig
- **Shell:** git, bash scripting, vim, unix command line utilities, NPM
- **Hosting Platforms:** Amazon Web Services, Google App Engine
- **Web Markup and Templating:** HTML, CSS, Django (Python), Handlebars (JS), Bootstrap
- **OS competency:** UNIX, Windows
- **Foreign Languages:** Spanish (Fluent), German (Intermediate)