Austin Ramos

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EDUCATION	**Bachelor of Applied Science, Computer Science** &	**Class of 2019**
	Bachelor of Arts, Economics	
	Washington University in St Louis	
	St Louis, MO.	

EXPERIENCE

Object Computing Inc.   **August 2017 – Present**
Software Engineering intern.
- Wrote unit tests and debugged a parser for an internal Trie data structure used in a variety of webserver and IoT projects at OCI.
- Developed and Debugged the application layer of "Pronghorn," a lightweight, non-blocking, and garbage-free Java event-scheduler library; a Pronghorn web server is at least 4 times faster than Nginx.

KPMG   **June 2017 –Austust 2017**
KTech Middleware Intern – Development Operations
- Middleware Administration(Linux)
- Deployments to QA, UAT, and Production Servers (Windows IIS)
- PowerShell and Python automation scripting

WASHINGTON UNIVERSITY IN ST. LOUIS   **Aug 2015-Present**
Teacher's Assistant
I have served as a Teacher's Assistant for the following courses:
- Introduction to Computer Science, Introduction to Computer Engineering, Data Structures and Algorithms.

INCA INVESTMENTS   **May 2016- Aug 2016**
Tech Analyst/Intern
- Reported to the CFO of the investment advisory firm on special technology projects in Cuba.
- Operated alongside "back" and "front" end web developers to ensure deadlines were met promptly.

Organizations:

Society of Hispanic Professional Engineers   **Oct 2016 - Present**
        Role- Founding member - Vice President of Outreach
Computer Science undergraduate advisory board   **Oct 2016- Present**
        Role – General member

MENTORSHIP

Deloitte   **Oct 2016- Present**
Selected to be a mentee as part of Deloitte's mentoring program in the Engineering school.

PERSONAL PROJECTS (https://github.com/AustinRamos):

- Contributed to APRETASTE, an open-source project that connects Cubans to the uncensored internet through the use of email based services.
  - Translated existing service documentation from Spanish to English.
  - Attended developer meet ups to explain the existing code base to other open source developers.
- Worked with a restaurant marketing company and three other students to create an angular web application using the MEAN stack to formulate group discount deals on birthdays as well as to organize other events for local restaurants in the St. Louis area.
- Created Relational SQL Database from scratch in Java, utilizing heap files and heap pages, as well as JSQL API to convert SQL queries to parse trees.
- Created "Locate&Defribrillate", a native IOS application which helps bystanders find the nearest AED location in the event of a cardiac emergency on Washington University in St. Louis's Campus.
- Implemented relatively simply Blockchain in Python with REST endpoints using Flask