José Ulises Niño Rivera

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EDUCATION

JOHNS HOPKINS UNIVERSITY
MEng in Computer Science
May 2016 | Baltimore, MD
GPA: 4.0 / 4.0

JOHNS HOPKINS UNIVERSITY
BS in Molecular and Cellular Biology
May 2015 | Baltimore, MD
GPA: 3.96 / 4.0

LINKS

Github:// junr03
LinkedIn:// josenino
Twitter:// @junr03

COURSEWORK

Principles of Programming Languages
Compilers | Natural Language Processing
Distributed Systems | Data Structures
Computer System Fundamentals
Algorithms | Computational Genomics
Computational Theory
Computer Networks | Scalable Systems
Randomized Algorithms | AI | OS
(Course Assistant)
Intermediate Programming | Computation Theory
(Head Teaching Assistant)
Computer System Fundamentals

SKILLS

Fluent:
Python • Java • C • C++
Proficient:
CSS • HTML • Assembly • Ruby
OCaml • JavaScript • Haskell
Tools and Frameworks:
AWS • Meteor • Rails

GROUPS

Student Advisory Committee on Digital Education
ACM | UPE

AWARDS

CS+X Award: outstanding achievement in combining diverse studies with Computer Science *(2015)*

EXPERIENCE

FLATIRON HEALTH | Software Engineer Intern
Summer 2015 | New York, NY

- Worked on the Research and Development team to engineer a highly parallel ***Apache Spark*** cluster to improve Flatiron's data pipeline efficiency.
- Wrote a data anonymization framework to facilitate the creation of databases without sensitive patient information.

REAL LIFE ANALYTICS | Software Engineer Intern
Fall 2014 | Remote

- Modularized the computer vision framework to create easy addition of new recognition parameters ***(expressions, body size, height)***.

CANVAS | Software Engineer Intern
Summer 2014 | Reston, VA

- Worked with a scrum based agile team to implement new, and optimize existing features in Canvas' back end system ***(Ruby on Rails)***.
- Worked with the design lead to create intuitive web interfaces ***(HTML/CSS JavaScript/jQuery)*** to make complex data useful to customers.

RESEARCH

SARIA LAB | Researcher
Fall 2015 – Present | Baltimore, MD

- ***Currently*** Creating a real time machine learning system to monitor and predict multiple disease outcomes in the Hopkins Medical Network.
- ***Spring 2015*** Created graphical models to follow disease progression in the first large scale study on Parkinson's Disease.

BALAUR WALL | Researcher
January 2014 | Baltimore, MD

Ported the functionality of the PyMol libraries to the Balaur Wall to enable students to freely fetch and explore molecular simulations.

LEADERSHIP

HOPHACKS | Organizer
Fall 2014 – Present | Baltimore, MD

Organized Hopkins' only Hackathon; an event where students interested in Software and Hardware projects to collaborate for 72 hours.

TEDXJHU | Director of Speakers
Fall 2013 – Spring 2015 | Baltimore, MD

Recruited, and organized TEDxJHU's speaker lineup made up of researchers, artists, and entrepreneurs.

JHU FILM FEST | Head of Programming
Fall 2013 – Spring 2014 | Baltimore, MD

Curated the selection for the Johns Hopkins Film Festival.

4K FOR CANCER | Rider
Summer 2012 | USA

Fundraised $4500+ for the Ulman Cancer Fund (UCF). Biked from Baltimore, MD to Seattle, WA to expand the UCF outreach, and support network.