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

Artificial Intelligence
Principles of Programming Languages
Compilers
Computational Genomics
Distributed Systems
Computer System Fundamentals
Algorithms
Data Structures
Computational Theory
(Course Assistant)
Intermediate Programming
Computation Theory

SKILLS

PROGRAMMING
Over 5000 lines:
Python • Java • Ruby
C • C++
Over 1000 lines:
CSS • HTML • Assembly
OCaml • JavaScript
Familiar:
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
May 2014 – August 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.

COMPUTER SCIENCE RESEARCH

SARIA LAB | Researcher
Fall 2015 – Present | Baltimore, MD
Worked with **Dr. Suchi Saria** to analyze the data, and create statistical models from the first large scale data collection study on Parkinson's Disease patients.

BALAUR WALL | Researcher
January 2014 | Baltimore, MD
Port 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
Plan and host Hopkins' only Hackathon; providing a common ground for students, professors, companies, and anyone interested in Software and Hardware projects to collaborate for 72 hours.

TEDXJHU | Director of Speakers
Fall 2013 – Present | Baltimore, MD
Recruited, and organized our 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, among 200+ submissions from across the globe.

4K FOR CANCER | Rider
Summer 2012 | USA
Fundraised $4500+ for the Ulman Cancer Fund. Rode cross country from Baltimore, MD to Seattle, WA to expand the Ulman Cancer outreach, and support netowork.