

Raúl Negrón

✉ raul@raulnegrón.me

📄 raulnegrón.me

in [raulnegrón](https://www.linkedin.com/in/raulnegrón)

🌐 [rnegrón](https://github.com/rnegrón)

Education

Aug 2013 - Feb 2018 **B.Sc. in Computer Science**, *University of Puerto Rico at Río Piedras*, 3.8 Overall GPA.

Experience

Industry

2018 **Junior Back-end Developer**, *AbartysHealth*, Guaynabo, Puerto Rico.

- Improving, testing and maintaining an API backed by the Django REST framework
- Integrating Amazon Web Services such as Lambda, ECS, SNS and SQS, following best practices for each
- Performing MySQL database optimizations, migrations and maintenance on AWS RDS
- Designing and building scripts to parse and import data from Excel files, websites and HL7 files
- Managed the transition to a CI/CD development workflow using Docker and AWS CodePipeline
- Integrated a task management service using Celery and Redis

2017 **Intern**, *National Institute of Standards and Technology*, Gaithersburg, Maryland.

- Designed a web service for scheduling algorithms onto remote servers in order to improve performance.
- Implemented a Flask-based RESTful server for parsing HTML form data into Slurm batch file data.

Academia

2014–2015 **Undergraduate Researcher**, *University of Puerto Rico*, San Juan, Puerto Rico.

Performed undergraduate research work in mathematics on a project titled "Exact divisibility of exponential sums associated to elementary symmetric Boolean functions". This NSF and CURM-sponsored research culminated in several oral and poster presentations which took place in Los Angeles, California and San Antonio, Texas.

Relevant Skills

Proficiency in Python

Experience with Django, Flask, JavaScript (Node.js) and C.

Experience working with UNIX-like systems, RESTful APIs, Git, Docker, SQL and Redis.

Activities

2014 **Secretary of the Río Piedras ACM Student Chapter**, *Organized and participated in several events for the local ACM chapter. Gave a hands-on workshop on the Flask web framework for Python.*

2016 **Teaching Assistant for High Level Programming Languages, Spring 2016**, *Provided tutoring and weekly office hours for students. Helped design and grade coursework on functional programming.*

Honors and Awards

All Semesters **Dean's List**, *Inducted into the Natural Science faculty's Dean List based on academic performance.*

2014–2017 **Claude Shannon Scholar**, *Received the Claude Shannon scholarship for excellence in Computer Science and Mathematics for three years consecutively.*

Languages

Spanish Native

English Fluent

Japanese Limited working proficiency