

# Raúl Negrón

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## Education

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

## Experience

### Industry

2019 **Full-stack Developer**, *Alias Payments*, Guaynabo, Puerto Rico.

- Implemented a payout system for automatically transferring thousands of dollars daily.
- Integrated referral codes into the promotions backend.
- Designed and built APIs, internal systems and client-facing features using Node.js and Ember.js.
- Managed Amazon Web Services infrastructure, in accordance with PCI DSS requirements.

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

- Improved, tested and maintained an API backed by the Django REST framework.
- Integrated Amazon Web Services such as Lambda, ECS, SNS and SQS, following best practices for each.
- Performed MySQL database optimizations, migrations and maintenance on AWS RDS.
- Managed the transition to a CI/CD development workflow using Docker and AWS CodePipeline.

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

- Implemented a Flask-based RESTful API for parsing form data into batch file data.

## Relevant Skills

Proficiency in Python and Node.js.

Experience with Django, Express.js, Ember.js and Amazon Web Services.

Experience working with UNIX-like systems, RESTful APIs, Git, Docker, SQL and NoSQL (MongoDB).

## Activities

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.*

## Awards and Certifications

2018–2020 **AWS Certified Developer Associate**, *Validation Number: CN3F0PKK12V1QM9E.*

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