

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, TypeScript, 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