**Navie Huynh**

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# PROFESSIONAL EXPERIENCE

**Omnitracs, LLC – Software QA Engineer** |Dallas, Texas August 2018 – Present

* Subject matter expert for android mobile device management host and mobile system, including managing software deployments, configuration changes, data collection, monitoring, data generation and device upgrade management.
* Automated data collection, report generating and software deployment management using custom Python modules built with requests, selenium and pandas library.
* Documented python modules usage using Jupyter Notebooks, unit tests and Postman API for fast team collaberation.
* Maintained mobile device management documentation and test cases for onboarding new members.
* Troubleshoot software upgrade related issues and other device issues via device application and os logs
* Execute manual test cases for various SDLC stages, including unit, smoke, sanity, regression, integration etc.

# PERSONAL PROJECTS

**Portfolio Website**

<https://navie.info>

* Static resume website built on React with AWS Amplify for CI/CD
* Route53 for DNS Registration, Github used for source control
* Original Architecture used Route53, S3, CloudFront and CodePipeline

**IBM Data Science Capstone Project**

<https://github.com/NavieHuynh/Coursera_Capstone/blob/master/DallasMarketAnalysis.ipynb>

* Project outcome was to detect commonalities in shopping venues in the Dallas/Fort Worth region using FourSquare API
* Data Collection from zipcodes.com for geolocations, Wikipedia for region separations and foursquare for venue data
* Apply KMeans clustering to identify similarities between different Dallas Counties based on the different venues to identify popular businesses in Dallas.

# PROFESSIONAL CERTIFICATES

**AWS Certified Sysops Administrator Associate** September 2020 – September 2023

*Validation Number:* 2Q40WQ4L1FR116GH

*Validation URL:* <http://aws.amazon.com/verification>

**AWS Certified Solutions Architect Associate** March 2020 – July 2023

*Validation Number:* D1NEW5N2NJBQ1PCJ

*Validation URL:* <http://aws.amazon.com/verification>

**AWS Certified Cloud Practioner** March 2020 – September 2023

*Validation Number:* FNZDC0Y2M2RE1Z5H

*Validation URL:* <http://aws.amazon.com/verification>

# EDUCATION

**Master of Science in Computer Science**Starting January 2021

Georgia Tech | Atlanta, Georgia

Specialization in Machine Learning & Interactive Intelligence

**Bachelor of Science in Physics**August 2014 – May 2018

Texas A&M University | College Station, Texas

Minor in Mathematics & Astrophysics

# MOOC CERTIFICATES

**Google IT Automation with Python** by Google June 2020

*Credential URL:* <https://www.coursera.org/account/accomplishments/specialization/certificate/U4XGJUV7EEN4>

**Deep Learning Specialization** by deeplearning.aiFebruary 2020

*Credential URL:* <https://www.coursera.org/account/accomplishments/specialization/certificate/AG57BSX5MUM6>

**IBM Data Science Professional Certificate** by IBMJanuary 2020

*Credential URL:* <https://www.coursera.org/account/accomplishments/specialization/certificate/X5SLJY6V9WFH>

**Data Engineering, Big Data, and Machine Learning on GCP**  March 2020

*Credential URL:* <https://www.coursera.org/account/accomplishments/specialization/XWNGCVCZJRFU>

# TECHNICAL SKILLS

* **Programming Languages:** Python, Java, Bash, SQL, HTML, CSS, Javascript, Git
* **OS:** Linux, Windows XP/7/8/10, Android 7