Richard Padilla

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EDUCATION

UT DALLAS
MS in Software Engineering
May 2023 | Richardson, TX
GPA: 3.88

TEXAS A&M UNIVERSITY
BS in Computer Science
May 2019 | College Station TX

LINKS

Tech Blog:// **Compunaut**
Github:// **Dr-morte**
LinkedIn:// **Rpadilla-aggie-band**
Twitter:// **@vancevhaelo**

COURSEWORK

GRADUATE
Machine Learning
Project Management
Advanced Software Architecture
Database Design
Object Oriented Software Engineering
Requirements Engineering
Operating Systems

UNDERGRADUATE
Artificial Intelligence
Data Structures & Algorithms
Computer Organization
Programming Languages
Software Engineering
Cloud Computing
Scripting Languages
Music & Technology
(Student IT Technician)
(Student Research Dev.)

SKILLS

LANGUAGES & TECHNOLOGIES
Proficient:
Java • C++ • Python
BASH • Groovy • Git • Jenkins • Docker
• Terminal • JUnit • Postman • JIRA •
SpringBoot • Grafana • APIs • LATEX •
micro-service architecture • Influx DB
Familiar:
Node.js • Azure • Angular • Splunk •
JavaScript • Pandas • Seaborn

EXPERIENCE

CISCO - WEBEX CALLING | Back End Cloud Engineer
Feb. 2021 – Present | Richardson, TX
- Wrote API's for our backend service, as well as service level code, and code that interfaced to our DB
- Increased test code coverage for critical files from 20% - 90%
- Wrote automation tests to validate new features and interactions and reduce manual testing for our microservice
- Reduced build time on unapproved PR's from 30+ minutes to around 15 seconds, significantly freeing up time and space on Jenkins machines

CISCO - MIRGRATION SERVICE | Front End Cloud Engineer
Sept. 2020 – Feb. 2021 | Richardson, TX
- Worked on Angular components to migrate current Cisco customers to the cloud
- Interfaced with UX designers, Management, Back End engineers, and my team members to rapidly iterate through several front end designs while meeting critical deadlines.

CISCO - WEBEX FRONTLINE | DevOps and PaaS Engineer
March 2020 - Aug. 2020 | Richardson, TX
- Designed and wrote the promotion pipelines for the application codebase, which were needed to upgrade DEV, INT, and PROD environments
- Learned several new technologies, languages, and DevOps practices to help improve the overall performance and code output of the Paas team
- Coordinated with app developers to fix bugs, furthering our goal of a highly available pipeline

CISCO - WEBEX CONFERENCE PHONE | Software Engineer
July 2019 - March 2020 | Richardson, TX
- Full stack development included writing code, writing tests for code changes, a code review process, pipeline failure triaging, and bug fixing
- Collaborated with fellow engineers, UX designers, translators, PM's, and PO's in order to successfully execute and implement feature work

PROJECTS

ML GENETIC SEQUENCING | Data Scientist/ML Engineer
Summer 2022 | Richardson, TX
Wrote the deep-learning neural network from scratch for our Machine Learning project that evaluates the human genome

NIMBUS DEDICATED IAAS | Project Manager
Summer 2022 | Richardson, TX
Led the planning of an AWS-like project to host private Infrastructure As A Service on a datacenter.

SIMPHONY | Project Technical Lead
Spring 2019 | College Station, TX
Led our Senior Capstone team to create a website that would generate musical samples using neural networks for musicians to use as inspiration for writing songs.