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ANGIE PINILLA

PASSIONATE ABOUT OSS AND COMMUNITY ENABLEMENT
STRONG ADAPTATIONAL SKILLS IN NEW SOFTWARE DEVELOPMENT STACKS

EDUCATION & DIPLOMAS

CORNELL UNIVERSITY

MASTER'S OF ENGINEERING DEGREE IN COMPUTER SCIENCE (M.ENG.)
MASTER'S PROJECTS: MODELING SOCIAL COHESION UNDER POPULATION MOBILITY
ROBOT FOR NONVERBAL COMMUNICATION RESEARCH

JOHNS HOPKINS UNIVERSITY

BACHELOR OF ARTS (B.A.)
PSYCHOLOGY

WORK EXPERIENCE

ENGINEER II / SENIOR ENGINEER - TERRAFORM AWS PROVIDER

TERRAFORM PROVIDER & ECOSYSTEM DEVELOPMENT · OSS COMMUNITY

Maintained the Terraform AWS Provider by developing feature enhancements, providing Pull Request reviews, and Github Issue triage
Advocated for and made improvements to Terraform plugin SDK including schema behaviors and the acceptance testing framework
Collaborated with AWS Lambda and NetworkFirewall teams on NDA service support implementations and Code Reviews
Advocated for and made improvements to Terraform Core including perfomance optimizations and UserAgent support
Supported internal, community, and partner contributors with guidance and documentation improvements
Company: HashiCorp · **Location:** Remote · **Period:** March 2020 - Present

SOFTWARE DEVELOPER - BACKEND

RUBY/RAILS · GRAPHQL · DATA ENGINEERING · DEVOPS

Developed and launched first DevOps initiative to build CI pipelines for AWS infrastructure with Terraform and Ansible
Developed a Big Data initiative for user-targeting with GCP services including Pub/Sub, Cloud Functions, Dataflows, and BigQuery
Dockerized and refactored a PHP reporting and dashboard application to use GraphQL with MySQL, Postgres, and BigQuery data sources
Designed and implemented first live campaign monitoring Slack application using Ruby and background job deployment to an EB worker
Designed an ETL solution for porting reporting data housed in MySQL to BigQuery using tools including Glue to provide ad-hoc querying
Company: Jun Group · **Location:** New York, NY · **Period:** January 2018 - February 2020

CIVIC DIGITAL FELLOW

PYTHON DEVELOPMENT · SURVEY DATA ANALYSIS & VISUALIZATION

Wrote a Python library to analyze complex survey samples as an alternative to R's survey package via the high-level interface, rpy2
Developed an automated data analysis suite to compare Privacy-Sensitive datasets with Formally Private Synthetic microdata
Developed a pyQt5 GUI to report and visualize statistical similaritiy and difference metrics for the American Community Survey (ACS)
Conducted user interviews and research with Mathematical Statisticians and Disclosure Avoidance Officers
Company: U.S. Census Bureau - Center for Disclosure Avoidance Research · **Location:** Suitland, MD · **Period:** Summer 2017

SOFTWARE ENGINEERING INTERN

UI DESIGN · AGILE J2EE WEB DEVELOPMENT · iOS DEVELOPMENT

Reviewed and expanded JUnit test coverage related to core extraction classes within FetchNews platform
Debugged extraction corner cases including classification algorithms' processing of dynamic content and Spanish language
Maintained and managed task-based Product Development schedule of FetchNews, providing benchmark and optimization analysis
Company: Connotate Inc. · **Location:** New Brunswick, NJ · **Period:** Summer 2016