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ANGIE PINILLA

PASSIONATE ABOUT OPEN-SOURCE DATA ANALYSIS TOOLS AND USER RESEARCH
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 (SPRING 2017)
ROBOT FOR NONVERBAL COMMUNICATION RESEARCH (FALL 2016)
CONFERRED MAY 2017

JOHNS HOPKINS UNIVERSITY

BACHELOR OF ARTS (B.A.)
PSYCHOLOGY
CONFERRED MAY 2014

WORK EXPERIENCE

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

JAVA DEVELOPMENT • UNIT TESTING • PROJECT MANAGEMENT

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

APPLICATION DEVELOPMENT INTERN

UI DESIGN • AGILE J2EE WEB DEVELOPMENT • iOS DEVELOPMENT

Designed and rapidly prototyped new UI features for an Integrated Eligibility Web Portal
Developed and deployed database integration and management with Hibernate to handle assigned agile user stories
Lead iOS programmer behind an Innovation Project Team tasked to develop an application to track and motivate healthy living
Company: UnitedHealth Group / Optum Tech. • **Location:** Basking Ridge, NJ • **Period:** Summer 2015

MARKETING INTERN

EMPLOYER & AGENCY RELATIONS • ON-CAMPUS RECRUITING

Designed and launched a marketing campaign to increase employer partnerships from Biomedical and Chemical Engineering industries
Designed visual assets including promotional materials for on-campus recruiting events through print and social media platforms
Analyzed student and employer survey data to generate reports on student participation and employer engagement trends
Company: NJIT Career Development Services • **Location:** Newark, NJ • **Period:** Fall 2014 - Spring 2015

SPANISH HERITAGE LEARNER • US CITIZENSHIP
LANGUAGE / SOFTWARE SKILLS & PROJECTS AVAILABLE AT anGie44.github.io