

Danny Tu

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WORK EXPERIENCE

NIKA Solutions, Active DOD Secret Security Clearance

November 2019 – Present

Predictive Analyst for Dept. of Defense

Falls Church, VA

- Develop analytic models, data visualizations, and dashboards using Power BI and Tableau
- Design various solutions to display complex data using various tools such as custom columns, stories, calculated fields, and parameters
- Assist in efforts to satisfy client’s reporting and data needs by gathering, prioritizing, and tracking requirements and implementing use friendly reports and dashboards
- Uphold effective governance of government and business data to ensure data quality and data management, maximize confidentiality and security of sensitive information, and minimize risks surrounding data sharing

Northern Virginia Wushu Academy

March 2010 – Present

Part-Time Manager & Assistant Instructor

Chantilly, VA

- Instruct martial arts to adults and children
- Organize fundraisers and demonstration events
- Assist in marketing, student retention, procurement of equipment
- Establish, review, and enforce school policies and procedures

CGI Federal, Inc.

April 2019 – November 2019

Junior Data Scientist for Dept. of State

Arlington, VA

- Evaluated data quality using SQL and data analysis techniques that improved client-reporting capabilities
- Optimized SQL queries to improve system performance
- Maintained SQL views and SAP Business Objects universes that drove client reports
- Configured SQL views using standard source control tool TortoiseSVN
- Developed reports within SAP Business Objects based on client software requirements
- Created and completed test case scenarios to ensure integrity and functionality
- Provided ad-hoc technical solutions to issues currently in production
- Delivered quality client products within multiple client assigned timelines with Agile software development
- Developed and maintained functional and technical documentation of products delivered
- Assisted in entire System Development Life Cycle including Requirements Gathering, Design, Development, Testing, Maintenance, and Delivery

ICF International, Inc.

September 2018 – April 2019

Junior Technical Business Analyst for Dept. of Transportation National Highway Institute

Arlington, VA

- Developed and ran required system reports, analyzed and compiled data, and reported progress and performance of systems and tracked business activities
- Obtained insight extracted from reports to provide guidance for business related decisions
- Maintained SharePoint site for project tracking and organization
- Tested system changes, integrations, and new applications
- Assisted in resolving customer issues relating to accessing training material

AMT – The Association for Manufacturing Technology

May 2017 – August 2018

Industry Analyst

McLean, VA

- Managed all production aspects of financial reporting surveys including data verification, identifying potential vendors, managing vendor relationships, data analysis, confidentiality issues, database maintenance, software development, report generation and report distribution
- Investigated, researched, and estimated data needed to fulfill market research requests on financial and business issues
- Researched, analyzed and responded to member requests for information about the manufacturing technology and related industries, including end-user industries
- Prepared reports and presentations for use by members and staff in relation to the responsibilities of the position
- Developed, maintained and improved documentation of departmental work processes to capture best known practices and promote repeatability
- Created and maintained Tableau dashboards utilizing economic metrics and benchmarking data to provide insightful historical and forecasted statistics
- Extracted data from AWS databases using Access and SQL queries and analyze data using Tableau and PowerBI

EDUCATION

George Mason University

June 2016

BA Mathematics, Minor in IT & Physics

Fairfax, VA

CERTIFICATION & SKILLS

- AWS Certified Cloud Practitioner, June 2020
- Expert in Microsoft Office; Excel (Pivot tables, Macros, VBA, VLOOKUP, Nested IF statements), Access (Creating & managing databases, Table relations, Queries, Macros, Data extraction, API)
- Working knowledge of Python, R, SQL, AWS (EC2, S3), Tableau, PowerBI, Google Data Studio, Google Analytics, SAP Business Objects
- Basic knowledge of Virtualization, Docker, Bash, Linux, Systems & Network Administration, MongoDB