

# Michael O'Donnell

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michaelod9966@gmail.com - [LinkedIn](#) - [Github](#) - [Portfolio Site](#)

*Aspiring data analyst with 4 years of experience working with non-profit database technologies, cloud storage, ETL processes, technical documentation and maintaining client relationships. Also has job experience with web development employing HTML, CSS, and Javascript. Has a strong foundation in data, data analysis, and data security through a master's degree in social data science and a bachelor's degree in cybersecurity. Is looking to bring a unique perspective of strong technical skills with the ability to simplify complex procedures anyone can understand to the workforce.*

## Professional Experience

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### TrueSense Marketing

Warrendale, PA

Database Specialist (Remote)

March 2022 - Present

- Designs, implements, maintains, and updates queries in multiple CRMs for over 50 clients
  - CRMs include – Donor Perfect, Raiser's Edge, Every Action, Bloomerang, Salesforce, Luminate Online, Classy, Constant Contact, Qgiv, and Mailchimp
- Initiates the beginning of the ETL process for over 100 clients using Snowflake and Microsoft Azure
- Manages database security including user roles and permissions for over 50 clients
- Collaborates with the data engineering team, client data specialist team, and client service team to ensure data accuracy among all clients
- Maintains comprehensive documentation for the databases for over 50 clients

### Round2POS

Butler, PA

Full Stack Developer

July 2021 – December 2021

- Helped develop internal Customer Relations Management (CRM) website using HTML, CSS, JavaScript, and SQL
- Used Svelte, Tailwind, Hasura, and PGAdmin to help assist in developing the site
- Demonstrated strong analytical, creative, problem solving and collaboration skills

### The Home Depot

Cranberry Township, PA

Retail Cashier

May 2018 – July 2021

- Greeted diverse customers, answered questions, maintained a broad knowledge of merchandise; promoted at-register credit card sales, pursued assertive goals
- Contributed to loss prevention by following detailed corporate standards
- Showed willingness, adaptability and work ethic, served in many areas of the store and performed manual labor as part of a service team

### Slippery Rock University

Slippery Rock, PA

Advancement Services Web Assistant

August 2019 – March 2020

- Built university web pages with Weebly employing HTML, JavaScript, CSS and JQuery
- Managed mass email system for University Advancement office
- Demonstrated strong work ethic, flexibility, and time-management assisting with office projects

Computer Science Student Assistant

August 2019 – May 2020

- Supported professor in assisting students during class while they worked on assignments
- Supported professor in answering student questions during class
- Demonstrated strong interpersonal and problem solving skills

Computer Science Tutor

January 2019 – March 2020

- Managed and oversaw computer lab where fellow students came to work, study, and socialize
- Assisted a variety of students on assignments while maintaining a broad knowledge of subjects
- Demonstrated strong leadership, communication and problem-solving skills

## Education

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### Arizona State University

Tempe, AZ

Master of Arts in Social Data Science

May 2024

Graduated with distinction (GPA: 4.0/4.0)

### Slippery Rock University

Slippery Rock, PA

## Additional Skills

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- Data Science: Python, SQL, Jupyter Notebook, Google Colab, Gephi, Pandas, NumPy, Matplotlib, Seaborn, NLTK, LDA, BERTopic, Social network analysis, Logistic Regression, Support Vector Machine(SVM), Sklearn, Tensorflow, Keras, Topic modeling, Regular Expressions, Web Scraping, BeautifulSoup, Selenium, Using APIs, Tableau
- Technical Documentation: Editing, Proofreading, Document management, Document Storage, Documentation Lifecycle
- Networking: Docker, SAMBA Share, PiHole, OpenVPN, Port Forwarding, DNS, Using the terminal
- Trouble shooting: Querying the web such as Google, utilizing Stack Overflow, using AI, and reading through user manuals/documentation
- Web development: HTML, CSS, Javascript, Search Engine Optimization, Hosting websites, PHP, Wordpress
- Operating systems: Windows, macOS, Linux
- Microsoft Office: Excel, Word, PowerPoint, SharePoint, Outlook, Teams
- Research: Reading, Writing, attention to detail, data analysis, data gathering
- Other: Time management, Communication, Problem solving, Organization, Critical thinking, Utilizing open-source software, Github, Git, Customer service, Working in a team, Slack, Adobe Programs, Client relations

## Volunteering

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### Mid-State Literacy Council

State College, PA

Technology Tutor

August 2024 – June 2025

- Assisted a broad range of adult students looking for guidance on how to best use a host of different technological devices
- Assisted the organization by being a tutor at technological help events hosted in the community
- Assisted students with reading and writing work when needed

### Penn State University

State College, PA

Research Field Assistant

August 2022 – August 2024

- Aided graduate researcher in constructing and maintaining research structures to study the conservation of *Lupinus perennis*

### Cranberry Township Library

Cranberry Township, PA

Library Volunteer

January 2022 – June 2022

- Assisted librarians in organizing and shelving books returned from guests
- Helped guests locate books when needed
- Provided book recommendations whenever asked