

# JASON DONG

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**Current Address:**  
8904 Shamrock Ct,  
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## EXPERIENCE

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**UVA, Charlottesville, VA**

*Aug 2024 - Present*

*Teaching Assistant*

- Provided academic support to 150+ students in an introductory Python programming course, delivering clear explanations and troubleshooting code during office hours.
- Graded and offered detailed feedback on 200+ assignments and exams, enhancing student comprehension and outcomes.

**Connor Group, Arlington, VA**

*Jun 2024 - Aug 2024*

*Digital Solutions Intern*

- Designed and deployed custom NetSuite solutions, improving data workflows and reducing processing times by 30%.
- Developed a capstone project leveraging Map/Reduce SuiteScript, automating complex data pipelines and increasing system efficiency.
- Collaborated with cross-functional teams to transition from legacy systems, improving data accuracy by 25% and minimizing downtime.

**Accenture, Arlington, VA**

*Nov 2021 - Aug 2022*

*Software Engineering Intern*

- Developed an EPM Oracle tool with Accenture and Nestlé teams, automating 95% of data collection for financial calculations (e.g., fiscal year budgets), reducing manual input efforts by over 30 hours per week.
- Created a feature enabling automatic data integration from legacy systems and spreadsheets into the new platform, achieving a 99% data transfer accuracy rate and improving processing time by 40%.

## RELEVANT COURSEWORK

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Data Structures & Algorithms · Discrete Mathematics · Computer Systems & Organization · Software Engineer · Machine Learning

## PROJECTS

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**Website Portfolio | React, TypeScript, JavaScript, Node.js | Personal**

*Sep 2023 - Present*

- Designed the website as a comprehensive overview of professional skills, showcasing past and current projects.
- Implemented a user-friendly interface, allowing visitors to explore detailed information about expertise, skills, and achievements.
- Implemented modern web design principles to ensure a seamless and visually appealing user experience.
- Integrated OpenAI within the website to allow users to customize the website however they see fit.

**musicfinder2000 | React, TypeScript, REST API, Spotify API, K-Means Clustering, Netlify | Personal**

*Nov 2024 - Present*

- Developed a responsive web application leveraging Spotify's API to recommend curated songs based on user historical data, and clustering algorithms.
- Implemented K-Means clustering to analyze and segment user behavior, achieving a 15% increase in recommendation accuracy.
- Optimized REST API calls, reducing data fetch times by 25% and enhancing user experience.

**Cavalier Connect | Django, Google API, AWS S3, HTML, Git/Github, PostgreSQL, Heroku | Team Project**

*Nov 2024 - Dec 2024*

- Created a PMA web app with the Python Django framework and deployed it with Heroku.
- Ensured functionality of systems as the DevOps role of the team.
- Utilized Agile Methodology to complete sprints over the course of the semester.
- Designed and implemented AWS S3 storage for secure file uploads and stored user information with PostgreSQL.
- Configured Google Authentication using the Google API for seamless and secure user login and account management.

## TECHNICAL SKILLS

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- **Certifications:** Cloud Management Certification, Git/Github Certification, Python Certification.
- **Software/Languages/Tools:** Microsoft Office Suite, SpringBoot, Django, Express.js, Visual Studio, IntelliJ, PyCharms, GitHub/Git, SQL Databases, Python, Java, C#, HTML/CSS, C, JavaScript, TypeScript, React, Node.js, REST API, AWS.

## EDUCATION

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**University of Virginia, Charlottesville, VA**

**Bachelor of Arts and Science: Computer Science, Cumulative GPA: 3.7**

*Aug 2022 - Present*