

# James Zhu

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## EDUCATION

University of Maryland, College Park

GPA: 3.66/4.00

**B.S. Computer Science:** College of Computer, Mathematical, and Natural Sciences

**B.S. Accounting:** Robert H. Smith School of Business

**Undergraduate Dean's Scholar:** Selected based on consistent outstanding academic achievement, GPA of 3.50+

**College Park Scholars:** Science, Technology, Society (STS) service learning/research program.

- Directed a team in researching a comprehensive paper on Space Debris, analyzing its environmental and technological impacts.

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## PROJECTS

**Personal Website/Portfolio-** <https://jzhu1213.github.io/my-website/>

- Developed a personal website to showcase academic achievements, professional experience, and personal interests.
- Implemented HTML and CSS to create a visually appealing and user-friendly interface with various interactive features..
- Continuously update and optimize the site's layout and content to improve functionality and aesthetics.

**Machine Learning Stock Price Predictor-** <https://github.com/jzhu1213/StockML.git>

- Developed a Python-based machine learning model to analyze historical stock data and predict stock prices.
- Integrated external data libraries from Yahoo! Finance to retrieve real-time stock market data used for model analysis.
- Optimized model performance and accuracy through data preprocessing, feature selection, and algorithm tuning.

**Dynamic Loan Amortization Scheduler-** [LAS Excel](#)

- Designed an automated loan amortization schedule in Excel to calculate yearly payments based on loan amount and interest rate
- Implemented dynamic formulas to adjust payment schedules based on changing loan parameters.
- Enhanced financial planning by providing clear, structured repayment breakdowns for users.

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## WORK EXPERIENCE

**TerpTax**

January 2025 - Present

Tax Intern

College Park, MD

- Assist 3–5 clients weekly by preparing federal and state tax returns, ensuring secure handling of confidential personal information.
- Aid lower-income clients in preparing and filing federal and state tax returns, ensuring compliance with tax regulations.
- Gain hands-on experience with TaxSlayer software and strengthened knowledge of individual tax codes and procedures.

**University of Maryland Adele H. Stamp Student Union**

June 2024 - Present

Audio/Visual Technician

College Park, MD

- Work with ~5 clients daily to assess event requirements and deliver optimal AV solutions for client satisfaction.
- Coordinate and optimize audio and visual equipment, troubleshooting and resolving technical issues.
- Collaborate with STAMP departments to streamline event setups, ensuring efficiency across all technical aspects.

**Baltimore County Public Schools**

August 2022 - June 2023

Information Technology Intern

Timonium, MD

- Designed and executed software updates and optimization protocols on 500 student-faculty computers and laptops..
- Provided IT support to ~500 student and faculty, resolving technical issues and troubleshooting hardware problems
- Implemented and maintained comprehensive electronic and physical ticketing systems to ensure resolution of IT-related issues.

**Dulaney Theater Company**

September 2020 - June 2023

Sound Chief, Event Coordinator

Timonium, MD

- Created and managed sound effects, music, and cues in coordination with performers using various tools.
- Calibrated and maintained sound equipment while training crew members on its operation and technology.
- Collaborated with other production teams to synchronize cues and ensure the seamless execution of live performances

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## SKILLS

| Python, Java, C, OCaml | Microsoft Office | Google Workspace | HTML, CSS, MATLAB | Excel | Machine Learning  
| Web Development | TaxSlayer | GitHub | 100 WPM Typing Speed | Computer Hardware | AV Solutions | Tableau

Interests: Game Theory, Science-Based Training, Pokemon, Cooking/Baking, NBA/NFL, Card Games, Fashion, Travel

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