

# David Wang

<http://www.github.com/Glqzer>

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## EDUCATION

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- **Johns Hopkins University**

*B.S. in Computer Science, B.S. in Applied Mathematics and Statistics*

Baltimore, MD

2026

## APPLICABLE SKILLS

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C++, C, Java, JavaScript, Python, Go, SQL, OCaml, HTML, CSS, Swift, Git, LaTeX, AWS (Redshift)

## APPLIED EXPERIENCE

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- **Johns Hopkins University**

*Marketing Data Analyst*

Baltimore, MD

March 2024 - Present

- **Data Collection:** Integrated data from CRM systems, website analytics, and social media platforms to create a comprehensive view of consumer behavior and to increase campaign engagements by 40%.
- **Performance Metrics:** Collaborated on A/B testing to evaluate effective strategies and identify optimal elements in campaigns.
- **Customer Prediction Models:** Built predictive models for customer churn prediction and utilized pre-trained models for text classification and translation.

## PERSONAL PROJECTS

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- **Apple PSI Protocol:** Implementation of Apple's private set intersection protocol for detecting CSAM image material.
- **Healthcare AI iOS Application:** Health application using ChatGPT AI and Google Maps API to search symptoms, find hospitals, pharmacies, and more.

## CLASS-RELATED PROJECTS

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- **Cache Simulator:** Simulation to evaluate how a variety of cache configurations perform on given memory traces from different benchmark programs.
- **Classical IRC Chat System:** Developed a chat client program that communicates synchronously with a server in real-time.

## OTHER WORK EXPERIENCE

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- **Johns Hopkins University Office of Undergraduate Admissions**

*Admissions Supervisor and Coordinator*

Baltimore, MD

January 2023 - Present

- **Tour Guide Training and Evaluation:** Trained and evaluated all tour guides to increase positive tour reviews by 60% and equipped new hires with tools for answering tough questions.
- **Event Coordination and Organization:** Communicated and organized vendors, class visits, and residence hall tours for Prospective Student and Admitted Student Visit Days.

- **Starbucks Coffee Company**

*Barista*

Baltimore, MD

July 2023 - Present

- **Precision in a Fast-Paced Environment:** Worked in a fast-paced environment where accuracy and precision were as critical as customer support and connection, helping create the "Third Place" and contributing to a 20 point increase in Customer Connection Scores.
- **Multi-Tasking and Collaboration:** Managed multiple roles and multi-tasked in a high stress environment, experienced in teamwork and collaboration.

## OTHER

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- **Roles:** Eclectics Dance Team Marketing and Technical Operations Chair
- **Languages:** English (First Language), Chinese, Korean, Spanish