# Justin Wang

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## EDUCATION

**New York University Tandon School of Engineering**  Brooklyn, New York
*Bachelor of Science in Mathematics, Minor in Computer Science*  Class of 2027

## EXPERIENCE

**Lenovo**  Tianjin, China
*Product Manager Intern*  May 2024 – September 2024

- Queried SQL datasets to segment retention patterns, identified friction in notification settings, proposed a redesign, and achieved +15% engagement in pilot markets.
- Collaborated with UX to simplify onboarding and authored a clear PRD, turning a high drop-off step into a feature highlight and accelerating engineering delivery.
- Conducted 15 user interviews and benchmarked 3 competitors, prioritizing "personalized recommendations" for the next release.
- Created user personas and journey maps to clarify core use cases and align cross-functional prioritization.
- Designed and analyzed multiple A/B experiments—from traffic allocation to statistical testing—validating gains in CTR and conversion.
- Coordinated with external data partners to streamline labeling/integration workflows, improving annotation efficiency by 20% and enabling higher-quality data for recommendations.
- Built recurring KPI dashboards to track engagement and retention, presenting iteration impact to stakeholders and informing roadmap updates.

**NYU Research Lab**  Brooklyn, New York
*Data Strategy Intern*  September 2023 – December 2023

- Managed data labeling and process optimization for an ML project, reframing data quality as a product bottleneck and improving data usability by 25%.
- Designed a lightweight annotation tool with built-in quality checks, reducing labeling errors by 15% and increasing researcher productivity.
- Evaluated model outcomes and presented recommendations that improved accuracy by 10% and informed subsequent research.

**Quantitative Trading Algorithm**  Brooklyn, New York
*Creator*  September 2022 – December 2022

- Defined project scope and success metrics and built a small trading-system prototype aligned with academic evaluation standards.
- Applied ML techniques to identify trading signals, reframing technical outputs into decision-making tools.
- Collaborated on back-testing and iterated models based on historical performance data.
- Presented outcomes to faculty, highlighting technical accuracy and potential real-world applications.

## PROJECTS

**Social Media Content Analysis**  Brooklyn, New York
*NYU Sophomore Course Project (Capstone Project)*  January 2025 – April 2025

- Collaborated with a team to identify the need for cross-platform engagement analysis and proposed a data-driven approach.
- Built a Python data pipeline, developed a minimum viable product (MVP), and tested it on a small dataset.
- Validated efficiency and accuracy improvements against a baseline method.
- Designed and implemented a real-time visualization dashboard for stakeholders to access engagement and interaction trends.

**Customer Feedback Sentiment Analysis Tool**  Brooklyn, New York
*Personal Project (inspired by the course project)*  May 2025 – August 2025

- Independently developed an NLP-based tool to structure and analyze customer feedback for product decision-making.
- Used Python for data cleaning and labeling, trained/tested models, and built an MVP that outputs sentiment scores automatically.
- Demonstrated an approximate 20% accuracy improvement over a baseline model.
- Created a visualization interface to track sentiment trends and support feature optimization and CX improvements.

## SKILLS

- **Product & Data:** PRD, user personas & journey mapping, A/B testing, data analysis (SQL, Python), dashboarding & KPI monitoring.
- **AI/ML Understanding:** data labeling & workflow design, model evaluation (accuracy, precision/recall, F1), NLP, sentiment analysis, RAG-based Q&A.
- **Technical Collaboration:** familiar with React.js, Node.js, Vue.js, Express.js; strong cross-functional communication.
- **Project & Tools:** Jira, Confluence, Figma, Git, Agile/Scrum; basic knowledge of Docker and Kubernetes.
- **Visualization & Monitoring:** Matplotlib, Grafana, Prometheus; capable of building stakeholder-friendly dashboards.
- **Databases:** PostgreSQL, MySQL, MongoDB; experienced in writing queries to extract insights for product decisions.