Grace He

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EDUCATION

New York University   New York, NY
Bachelor of Science in Computer Science & Applied Psychology   *Expected Dec 2026*
- *Relevant Courses:* Data Structures, Computer Systems Organization, Statistics, Algorithms, Software Engineering, Data Management and Analysis
- *Activities and Awards:* Full Scholarship, Google Developers Group @ NYU (President), BUGS@NYU, Tech@NYU

WORK EXPERIENCE

Social Creatures ✎   New York, NY
Software Engineer Intern   *Sep 2025 – Present*
- Processed 3 datasets (60,000+ total data points) with Python for REDCap data migration, reducing manual work by 80%
- Architected a Python pipeline to transform data for ∼9 categories, adding 10,000+ data points for REDCap alignment
- Built Python and Pandas script to cross-check 200+ columns, detected 100+ discrepancies, reducing manual work by 60%

Nike ✎   Beaverton, OR
Software Engineer Intern   *Jun 2025 – Aug 2025*
- Engineered a TypeScript AWS service to automate financial reconciliation for 300K+ daily transactions ($5.52B revenue)
- Consolidated 3 codebases into one repository, using Jest unit tests to achieve 90% coverage and reduce cloud costs by 15%
- Integrated 1 daily CyberSource financial report into S3 and BlackLine via SQS to automate yearly account reconciliation

Eulerity ✎   New York, NY
Software Engineer Intern   *Aug 2024 – Mar 2025*
- Developed key front-end features with TypeScript and React, integrating REST APIs for dashboards used by 100+ clients
- Redesigned the subscriptions page UI and refined Meta demographic targeting, improving campaign setup speed by 25%
- Produced a reusable global tag component and contributed to scalable design systems used across 10+ internal features

Constellation ✎   New York, NY
Growth Engineer Intern   *Aug 2022 – Dec 2023*
- Engineered scripts using Python to analyze 20,000+ data points across all projects, expediting team operations by 95%
- Managed ∼15 luxury clients (Porsche, Mercedes, JLR, VW) through monthly campaign builds/launches and optimization
- Compiled monthly Tier 1 BMW Dealer Careers decks by sourcing client insights from Meta, Google Ads, and LinkedIn

PROJECTS

Google Developer Groups @ NYU Platform | *Python, Flask, React*
- Managed a 7-person engineering/design team to develop a full-stack React + Flask platform serving 400+ NYU students
- Trained students in React and Git best practices, raising code review adoption and ensuring 100% PR merge compliance

Budget Quality-Checking Script | *Python (pandas, NumPy), Google Cloud*
- Developed a Python script (Pandas, NumPy, Google Sheets API) to validate 230 client budgets across 5,000+ data points
- Manipulated data and flagged inconsistencies, reducing manual review from 2 days to under 2 hours (90% efficiency gain)

COMMUNITY & LEADERSHIP

Google Developer Groups @ NYU ✎   New York, NY
President   *Aug 2024 – Present*
- Leading the 15 e-board and 400 club members, coordinating 20+ events a year to encourage a collaborative environment
- Building the club's first engineering program, providing students with mentorship and portfolio-building opportunities
- Mentoring 5 new teams each semester, managing the development of engineering projects from conception to deployment

TECHNICAL SKILLS

Languages: Python, Java, C, Assembly, JavaScript, TypeScript, HTML/CSS, Swift, SQL, R
Frameworks: React, Express, Node.js, Next.js, Flask, Tailwind CSS, Three.js
Developer Tools: GitHub, VS Code, Google Colab, Google Cloud, Jupyter Notebook, Anaconda, SPSS, MongoDB, AWS
Libraries: pandas, NumPy, TensorFlow, Matplotlib, Jest, Redux