

GRANT PEDERSEN

New York, NY | LinkedIn | GitHub | grantpedersen.com

EDUCATION

THE UNIVERSITY OF CHICAGO BOOTH SCHOOL OF BUSINESS

Master in Management, Specialization in Analytics

Chicago Booth Scholar; admitted to deferred MBA program

Chicago, IL, USA

August 2025 – June 2026

- Dean's Honor List (Spring 2026)
- Selected coursework: Data Analysis with Python & SQL, Healthcare Business Analytics, Data Visualization for Decision-Making, Machine Learning, Managerial Decision Modeling, Business Statistics, Accounting

DUKE UNIVERSITY – DUKE KUNSHAN UNIVERSITY

Bachelor's Degrees in Interdisciplinary Studies and Computation & Design (Dual-degree)

Durham, NC, USA; Kunshan, JS, China

August 2021 – May 2025

- Graduated with Distinction; Merit Scholar (~\$160K); 3.68 GPA; Dean's List
- Signature Work: Cancerliteracy.com – designed, built, and tested a data-driven cancer-literacy platform using CHLT-30 and health design thinking, with responsive UI and accessible data visualizations
- Selected coursework: Data Visualization & Information Aesthetics, Modeling & Predicting, Computation & Problem Solving
- Alumni Interviewer for Undergraduate Admissions; conducted evaluative applicant interviews

EXPERIENCE & INTERNSHIPS

PLAY

Research & QA Intern

New York, NY, USA

June 2024 – July 2024

Product and assets later acquired by Apple

- Helped reduce 50+ UX and product friction points ahead of Play's next-generation software launch by identifying bugs, reproducing edge cases, and documenting clear engineering handoff notes
- Tested core prototyping workflows across interaction linking, component states, preview mode, and multi-screen navigation to surface usability gaps before launch
- Created customer-facing social posts, thumbnails, and product visuals to support Play 2.0 outreach and communicate new features across marketing channels

VALCON

Tech & Data Intern

Copenhagen, Denmark

May 2022 – August 2022

- Framed hypotheses, refined metrics, and presented recommendations to client teams in collaboration with senior consultants for a \$54B transportation company
- Conducted data analysis and forecasting for consulting engagements, transforming raw client data into actionable insights for business and technology teams
- Built Power BI dashboards and visualizations, supported by SQL and Excel data preparation, to highlight key performance trends for non-technical stakeholders

PROJECTS

HOME CREDIT DEFAULT RISK MODEL

University of Chicago Booth School of Business

Machine Learning and Business Analytics Project

May 2026

- Built a credit default prediction model using Home Credit application, bureau, previous loan, payment, and credit-card history
- Engineered thousands of predictive features, including repayment ratios, missingness indicators, aggregate bureau variables, and credit behavior patterns
- Trained and evaluated XGBoost models using cross-validation, hyperparameter tuning, and calibration to estimate borrower default probability

CANCER LITERACY RESEARCH PROJECT

Healthcare Analytics and Research Project

Duke Kunshan University

September 2023 – May 2025

- Conducted a cancer-literacy survey in Ho Chi Minh City to study how symptom awareness correlates with socioeconomic and demographic factors
- Collected and analyzed over one hundred initial survey responses, which helped secure university funding for a broader research collaboration
- Later partnered with a local university and hospital to expand the study to more than one thousand residents

SKILLS & KNOWLEDGE

- Data & Analytics: Python (Pandas, NumPy, scikit-learn), SQL, R, Tableau, Power BI, Dataiku DSS, advanced Excel, data cleaning, exploratory data analysis, regression modeling, KPI design, dashboarding
- Analytics Methods: KPI design, requirements gathering, data validation, dashboarding, risk adjustment, benchmarking, process analysis, stakeholder reporting, decision analysis
- Languages: English (native), Mandarin, Danish
- Certifications: Dataiku Core Designer Certified, HackerRank SQL (Basic & Intermediate) Certificate and Python (Basic) Certificate