

Ryan Nguyen

Waltham, MA | (857) 919-7796 | ryannguyen@brandeis.edu

EDUCATION

Brandeis University – Waltham, MA

Expected May 2029

Bachelor of Science in Economics & Applied Mathematics | GPA: 4.0/4.0

Relevant Coursework: Microeconomic Theory, Linear Algebra, Multivariable Calculus, Financial Accounting

PROFESSIONAL EXPERIENCE

Data Analytics Extern, Breaking Games – Remote

Jul 2026 – Sep 2026

- Designed and built an analytics database in SQLite, unifying six disconnected e-commerce data sources into one queryable system, and engineered cleaned views that filtered bot traffic and bad data out of every downstream query.
- Built marketing-channel attribution across 400+ referral sources to connect ad spend to revenue, then turned it into a clear recommendation for where the next quarter's ad budget should go.
- Built an HTML + Chart.js dashboard and presented a Holiday Game Plan — what to reorder, where to spend, what to fix.

AI Agent Engineering Extern, Wayfair – Remote (*Top Performer*)

May 2026 – Jun 2026

- Built a 5-agent n8n market-intelligence pipeline to automate trend detection, competitor tracking, and marketing content generation by utilizing Gemini Flash API with Apify scrapers across Amazon, Walmart, and Wayfair.
- Analyzed 40 competitor listings and reviews to identify competitive pricing gaps and emerging design preferences
- Consolidated outputs from 3 agents into a single auto-generated HTML intelligence dashboard surfacing trend signals, competitive benchmarks, and AI insights for non-technical category stakeholders' decision-making

Technological Consultant, TAMID Group – Waltham, MA

Sep 2025 – Present

- Designed and deployed an 18-insight product analytics dashboard from scratch by instrumenting a Flutter web app with PostHog and configuring AWS to pipe live user data into the analytics layer

PROJECTS

DataCamp FIFA World Cup 2026 Competition

Jun 2026

- Finished in the top 12%, by deploying a probabilistic ensemble (Dixon-Coles, XGBoost, Monte Carlo bracket simulation) in Python to predict outcomes, scorelines, corners, and cards for all 104 FIFA World Cup 2026 matches

Brandeis Datathon 2026 – [March Madness Prediction](#)

Mar 2026

- Predicted 12 out of 16 teams reaching the NCAA Sweet 16 2026 by building a calibrated ensemble model (Random Forest, XGBoost, Logistic Regression) and a 10,000 iteration Monte Carlo simulation seeded with win probabilities

DeisHacks – [Website Designing](#)

Feb 2026

- Secured \$1000 in prize and ranked 3rd out of 70 teams by redesigning the Charles River Museum's outdated website
- Improved museum exposure by streamlining drop-down menus, creating a Directions page with visual guides to resolve a GPS misdirection issue, and restructuring the calendar to categorize events and workshops

LEADERSHIP & EXTRACURRICULARS

Brandeis Undergraduate Consulting Club – *Competitions Track Head*

Mar 2026 – Present

- Managed a \$500 budget and coordinated 3 training sessions with alumni to prepare members for case competitions
- Streamlined access to 20+ competitions by building a tracker on Excel with deadlines, eligibility, and logistics

Brandeis Vietnam Student Association – *Event Coordinator*

Jan 2026 – Present

- Coordinated 3 campus-wide cultural events and performances, reaching 200+ attendees per event, by overseeing logistics, scheduling 20 volunteers, and managing event timelines across 3 departments

SPECTRUM – *Volunteer Lead*

Sep 2025 – Present

- Directed weekly Sunday playgroups for 15 children with disabilities across 10 sessions and led 5 volunteers

Accepted into and attended the following highly-selective programs:

- EY Expedition, Cognizant Ignite, Cornerstone Research First Year Foundations

CERTIFICATIONS, INTERESTS, LANGUAGES, AND SKILLS

Certifications: BCG Strategy Consulting Forage, DataCamp SQL Fundamental

Tools & Programming Languages: Python (Matplotlib, Seaborn), SQL/PostgreSQL, Power BI, Microsoft Office

Interests: Weightlifting, Patriots, GSW, and Barca FC Fan, Asian cuisine, Reading, Music, CI Language Learning