

Gavin Dhanda

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Portfolio
gdhanda-portfolio.vercel.app

EDUCATION

BROWN UNIVERSITY

Pursuing an ScB in Computer Science and an AB in Business Economics.

Cumulative GPA: 4.0 — ODE Economics Honors Society — GMAT Focus Edition: 755

Providence, RI

Expected May 2026

WORK EXPERIENCE

MORGAN STANLEY

Technology Analyst Program

New York, NY

Summer 2025 → Full Time

- Software engineer on the Application Development track, working in prime brokerage risk technology.
 - Developed and deployed a production risk tool for prime brokerage risk managers, identifying risky accounts and recommending margin policy adjustments.
 - Automated and streamlined reporting, saving 100+ hours of annual work for the New York risk team while improving accuracy and flexibility.
 - Expanded tool capabilities to London and Singapore regions; collaborated with cross-functional tech and business teams to integrate user feedback and enhance data quality.

CLINK PUTTERS

Founder and CTO

Providence, RI

Fall 2025 – Present

- Co-founded a boutique golf equipment brand, built an end-to-end e-commerce website [clinkputters.com].

COLUMBIA UNIVERSITY ECONOMICS

Research Assistant for Professor Dan Björkegren

New York, NY

Summer 2024

- Led data processing with API integration, web scraping, and OpenAI prompt engineering [<https://arxiv.org/abs/2502.12397>].

VOLLEY AUTOMATION (Automated Parking Start-Up)

Software Engineer Intern

San Francisco, CA

Summer 2023

- Led the software design of a computer-vision gantry system for an electric vehicle charging prototype.

LEADERSHIP and ACTIVITIES

BROWN ECONOMICS DEPARTMENT

ECON 1629 Teaching Assistant

Providence, RI

Dec 2025 – Present

- Teaching applied research methods for economics, developing course content & running weekly labs.

BROWN COMPUTER SCIENCE DEPARTMENT

CS 1230 Head Teaching Assistant (Prev. UTA for CS15, CS200)

Providence, RI

Sep 2023 – Jan 2026

- Managing 5 UTAs for a 100-student graphics course, overseeing logistics, training, and interviews.
- Built a bug-tracking tool for UTAs and led the overhaul and modernization of a core project.

MORNING THIEVES BAND

Acoustic Guitarist & Songwriter

Providence, RI

Sep 2024 – Present

- Performing original music at Brown and RISD venues for audiences of 50–200.

BROWN FORMULA RACING CLUB

Mentor and Dynamic Testing Lead

Providence, RI

Sep 2022 – May 2025

- Project Lead for the Impact Attenuator – researching, testing, and machining for FSAE competition.

ADDITIONAL

Languages: Fluent in English; conversational proficiency in Spanish

Interests: Live music and songwriting, golf, online gaming and computer graphics, photography, travel

- **Brown Investment Group** Managing the investments of a fund exceeding \$200,000.
- **Quant Trading Club** Education, research, and application of quant trading strategies.
- **Brown-RISD Game Design Club** Developing story-based indie games in Unity.