

# Vandan Patel

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## EDUCATION

### Rutgers Business School

*Bachelor of Science in Computer Science and Finance*  
*Bachelor of Arts in Data Science: Statistics Track*

New Brunswick, NJ  
May 2026

- **GPA:** 3.9 / 4.0
- **Honors:** Rutgers Honors College, Dean's List

## WORK EXPERIENCE

### Kaktus Sportswear

*Intern, Shipping and Accounting*

Carlstadt, NJ

Jul 2024 – Aug 2024

- Spearheaded testing of new accounting software against legacy systems with 15% reduction in auditing shipping costs
- Strategically analyzed and resolved financial discrepancies in accounts payable with shipping vendors, accuracy by 10%
- Shadowed in financial data analytics and accounting practices, contributing to monthly closing and auditing processes

### Moweb Technologies

*Intern, Data Team*

Secaucus, NJ

May 2024 – Jun 2024

- Linked SQL scripts that simulated the automation of the extraction of key metrics from the client company's data warehouse
- Leveraged Data Build Tool to model and optimize internal data processes, advancing the data organization project
- Led the adoption of effective prompting strategies using large language models (LLM) across the team, resulting in a 20% increase in workflow efficiency teamwide, motivating the project team to streamline repetitive programming

## PERSONAL PROJECTS

**OroGenie** | *Yahoo-Finance, SQL-Alchemy, Selenium, JWT Secure Authentication, UI/UX-Design*

Jun 2024 - Present

- Engineered a full-stack dashboard using React (frontend) and Flask (backend) for real-time market analysis, integrating AI-based natural language processing for personalized trading recommendations
- Built dynamic SQL-based tables to offer insights on risk-adjusted returns and portfolio performance, and implemented Recharts to visualize stock trends, improving user engagement with clear, actionable data
- Automated real-time stock data retrieval using Selenium, ensuring up-to-date financial information, and integrated secure JWT-based authentication to protect sensitive user data
- Currently integrating a Python algorithmic trading engine to support automated trading decisions based on real-time market indicators

**BluPrint** | *Asset-Tracking, Excel, React-Konva*

Jul 2024

- Designed a room organization tool using React-Konva to create whiteboard-style canvas for full user control over data creation
- Applied data management principles akin to asset tracking for efficient inventory management in the serverless web application
- Enhanced user control by developing an Excel-based data management system, ensuring seamless export/import of user data

**iPhone Styled Personal Website** | *Framer Motion, Tailwind CSS*

May 2024 – June 2024

- Built a JavaScript-powered personal website emulating the legacy iPhone unlock, enveloped in Framer Motion based animations with reactive headers, and an interface that follows Apple's design language in MacOS and iOS
- Designed seamless animations using CSS and JavaScript, delivering a fully immersive, app-like experience

## LEADERSHIP AND COMPETITIONS

### HackRU

*Project Lead, Coding Competition*

New Brunswick, NJ

March 2024

- Coordinated team efforts and delegated tasks effectively, ensuring timely completion of the project focusing on finding events on university campus and fostered a collaborative environment that enhanced overall team performance throughout the event
- Oversaw all phases of the project from initial design to deployment, which reinforced team progress towards the deadline

### Jang Star Taekwondo

*Class Leader, Certified Black-Belt*

Jersey City, NJ

Nov 2014 – April 2023

- Led classes for students of all ages and skill levels, including those with learning difficulties, by adapting teaching methods
- Achieved 100% trial student return rate by implementing personalized learning techniques and enhancing client retention strategies, resulting in a 30% increase in client acquisition and revenue growth

## TECHNICAL SKILLS

**Languages:** Java, Python, C, JavaScript, HTML/CSS, SQL

**Frameworks & Libraries:** React, Flask, Node.js, Spring Boot, Recharts, Numeric

**Developer Tools:** Git, Selenium, VS Code, IntelliJ, WebStorm, Vite, JWT, Framer Motion

**Cloud Platforms:** Firebase, Vercel, AWS, Azure, Render

## ACTIVITIES & INTERESTS

**Activities:** Quantitative Finance Club, Rutgers Mobile App Development Club, HackRU, RU Sangam

**Interests:** Taekwondo, Graphic Design, Mountain Biking, Video Editing, Cars, Entrepreneurship