

# Jival D. Patel

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## EDUCATION

### Rutgers University

New Brunswick, New Jersey

#### B.S. in Computer Science, Minor in Economics

Expected Graduation, May 2027

- **Relevant Coursework:** Data Structures & Algorithms (Java, OOP), Software Methodology (SDLC, Scrum), Systems Programming (C), Computer Architecture (C), Data Management for Data Science (SQL, Python), Discrete Structures
- **Clubs & Involvement:** Rutgers AI Club (technical workshops), NVIDIA 6G Developer Program

## EXPERIENCE

### Hoot Health

Princeton, New Jersey

#### AI Sales and Marketing Enablement Intern

Aug 2026 - Present

- Built executive and customer-facing dashboards to organize and visualize prospect, campaign, market, and sales data.
- Prototyped an AI voice agent, designing prompts, reasoning logic, conversation flows, and API architecture.
- Automated lead research, segmentation, outreach, and CRM workflows across 10,000+ healthcare prospects using Claude, Clay, HubSpot, Instantly, and Customer.io.
- Created personalized sales materials for healthcare professionals and pharma executives, supporting \$200K+ in closed-won deals.

### Pfizer, Extern

Remote

#### Advanced AI-Powered Document Intelligence Externship

May 2026 - July 2026

- Built document extraction, OCR, chunking, indexing, and RAG pipelines using Python, LlamaIndex, and open-source LLMs to support semantic retrieval across pharmaceutical documents.
- Extracted and structured key fields—including vendor names, product codes, lot numbers, dates, signatures, and document references—from complex pharmaceutical documents.
- Compared OCR engines and preprocessing techniques, then evaluated prompt design, chunking strategies, retrieval relevance, extraction accuracy, and model trade-offs to improve performance across complex document layouts.

### Beats By Dre, Extern

Remote

#### Data Analytics Extern

May 2025 - August 2025

- Analyzed and validated 30,000+ customer-review records using Python, pandas, and Excel, identifying consumer trends, product concerns, and purchasing patterns to support business decisions.
- Built dashboards and presented 12 Gen-Z consumer insights that contributed to a \$1.2M product-marketing decision.
- Automated recurring data-processing and validation workflows, reducing manual analysis time by approximately 70%.

## PROJECTS

### [JobFit - AI Resume-to-Job Matching Platform](#)

May 2026-July 2026

React, TypeScript, FastAPI, Python, PostgreSQL, LLMs/RAG, GeminiAPI, GitHub API

- Built and deployed a full-stack AI platform that parses resumes, ingests live job postings, and ranks candidate-role matches.
- Designed an AI-assisted workflow combining deterministic scoring, skill matching, Gemini recommendations, and application coaching.
- Developed a Next.js and FastAPI application with Supabase authentication/storage, API integrations, validation, and cloud deployment.

### [Document Intelligence RAG System](#)

May 2026-Aug 2026

Python, Google Colab, LlamaIndex, PyMuPDF, Tesseract, EasyOCR, Open-Source LLMs

- Built a document intelligence pipeline that extracts text from scanned PDFs, applies OCR, chunks and indexes content, and supports retrieval-augmented question answering.
- Compared OCR engines, preprocessing methods, chunking strategies, and prompts to evaluate retrieval relevance and extraction accuracy.

## SKILLS

**Programming:** Python, Java, SQL, TypeScript/JavaScript, C/C++

**Data/AI:** pandas, scikit-learn, data validation, machine learning workflows, OCR, RAG, LlamaIndex

**Databases & Tools:** PostgreSQL, MySQL, Power BI, Excel, React, FastAPI, REST APIs, Docker, AWS Amplify, AWS ECS, Railway, Supabase,, Linux, Git, JUnit

**Sales & GTM:** HubSpot, Clay, Instantly, Customer.io, lead generation, outbound campaigns, CRM workflows, healthcare/pharma prospecting