

Jean-Luc A. Saint-Fleur

COMMUNITY DEVELOPMENT • AI & SOFTWARE ENGINEERING • PROGRAM, FINANCE & GOVERNMENT PARTNERSHIPS

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I build technology inspired by the communities I serve. Senior community development professional with nine years administering federal grant, contract, and program portfolios — currently LISC New York's statewide HUD Section 4 portfolio (~\$770K / 13 grants) and a \$6M+ NYCHA PACT consultant task order portfolio — paired with production AI and software engineering. I find problems in affordable housing, workforce development, and government-funded programs, then design, build, and deploy the products that solve them: a live sports platform with a data-integrity pipeline, an AI job-access platform for Haitian youth, a backtested FX decision-support system. Partner daily with consultants, executive directors, finance, legal, and public agencies, translating analysis into recommendations executive leadership and funders act on.

DOMAIN EXPERTISE

Grants & Federal Compliance

HUD Section 4 • AmeriCorps • 2 CFR Part 200 • indirect cost rates • subrecipient monitoring • procurement review • federal & state reporting

Housing & Economic Development

NYCHA PACT • affordable housing preservation • CDFI & CBO capacity building • community investment • CDC partnerships

Business & Finance

Portfolio management • contract & vendor management • budget modeling • financial reporting

Leadership

Program management • executive communication • funder & stakeholder engagement • cross-functional leadership • process improvement

TECHNICAL STACK

Languages

Python • TypeScript • JavaScript • SQL • R • Bash

AI Engineering

LLM application design • OpenAI GPT-4o • prompt engineering • RAG • AI agents • agentic workflows • AI governance

Machine Learning

scikit-learn • TensorFlow • Keras • time-series forecasting (Prophet, ARIMA) • NLP • model backtesting

Web & Product

Next.js • React • Node.js • Prisma • REST APIs • Supabase • Streamlit • Tailwind • PWA

Data & Cloud

PostgreSQL • Snowflake • Redshift • Airflow • dbt • Spark • ETL & schema design

DevOps & Delivery

Git / GitHub • GitHub Actions CI • Vercel • automated testing • Agile / Scrum • Jira

Analytics & Viz

Tableau • Power BI • Plotly • Excel (Power Query, VBA)

PROFESSIONAL EXPERIENCE

Local Initiatives Support Corporation (LISC) New York, NY

Jul 2024 – Present

Senior Community Development Officer

- Steward LISC NY's statewide **HUD Section 4 capacity-building portfolio** — ~\$770K across 13 grants — owning underwriting, budget structuring, indirect cost rates (10% de minimis, 2 CFR § 200.414(f)), drawdowns, subrecipient monitoring, and federal reporting.
- Architected an enterprise **invoice and contract analytics system** for the **\$6M+ NYCHA PACT consultant task order portfolio**: 372+ invoices across 14 vendors, with cycle-time analytics, vendor scorecards, an amendment ledger, and an executive dashboard — cutting reconciliation time ~50% and surfacing procurement and scope exceptions before payment.
- Lead LISC NY's **AI and data strategy** — designing LLM-assisted workflows, automation, and analytics that convert grant, lending, and housing data into decision-ready insight for leadership and funders.
- Directed the **2026 Cashin Fellows Program** with Prep for Prep: built the evaluation and matching model that placed seven scholars across NYC community development organizations, authored the curriculum, capstone rubric, and cohort report, and emceed Launch Day at 28 Liberty Street.
- Manage **\$6M+ in NYCHA PACT consultant task orders** across architecture, planning, and legal vendors — scoping, procurement review, amendment negotiation, arithmetic verification, and payment — coordinating with finance, legal, compliance, and NYCHA counterparts, and flagging false procurement certifications and scope errors before disbursement.
- Produced the **2026 LISC NY Community Partner Convening**: run of show, panelist preparation, executive remarks, and marketing strategy for a statewide audience of housing and economic development partners.
- Prepare the portfolio analyses, dashboards, and recommendations that **inform executive decision-making** — briefing senior leadership, funders, and government partners on capital deployment, risk, and grantee performance.
- Deliver compliance and technical assistance to CDCs and CBOs statewide — resolving state registration holds, procurement findings, and reporting gaps ahead of federal deadlines — and advise executive directors on budget structure and capacity-building strategy.

The Doe Fund, Inc. New York, NY

Dec 2017 – Jul 2024

Director of Business Operations

- Owned a **\$6M+ annual portfolio** of government and private client contracts — pricing, renewals, performance reporting, and stakeholder relationships — sustaining 100% client retention across the tenure.
- Built the operational analytics layer for a large workforce-development program — trend analysis, cost modeling, and KPI dashboards — improving cost-effectiveness 35%, and partnered with executive leadership on policy and program design grounded in quantitative and qualitative research.
- Led technology strategy and vendor rationalization across the organization, cutting technology-related costs 25% while modernizing data collection, reporting, and process automation.

PORTFOLIO BY THE NUMBERS

\$20M+

In grants, contracts, consultant engagements, and government-funded programs administered or co-managed across a nine-year career

\$6M+

NYCHA PACT consultant task orders managed across multiple developments

\$770K

Statewide HUD Section 4 capacity-building portfolio — 13 active grants

\$500K+

Private grant funding administered

372+

Consultant invoices reviewed, verified, and processed across 14 vendors

22+

Community organizations and CDCs supported statewide

7

Cashin Fellows evaluated, matched, and placed at NYC community organizations

6

Production applications designed, built, and deployed

34

Public GitHub repositories

EDUCATION

Columbia Engineering

AI Engineering Boot Camp

LLMs · agents · prompt engineering · system design · production AI · **2025**

General Assembly

Data Analytics Immersive

Python · SQL · ML · statistics · BI · data engineering · **2023**

Brooklyn College

M.S., Business Administration

Koppelman School of Business · Economic Analysis · **2018**

Brooklyn College

B.A., Economics

Koppelman School of Business · **2017**

LANGUAGES

English Fluent

French Fluent

Haitian Kreyòl Fluent

SELECTED PRODUCTS

- **Compet 2026 — Live World Cup Platform** github.com/jsaintfleur

Next.js 16 · React 19 · TypeScript · Prisma 7 · PostgreSQL · Leaflet · PWA · Vercel

FLAGSHIP. Production platform covering all 104 World Cup matches on a schedule-as-source-of-truth architecture: real-time ingestion API, reconciliation and verification pipelines, and a data-integrity gate that suppresses any score below a confidence threshold — so the product degrades gracefully instead of publishing bad data when the vendor feed fails. Interactive knockout bracket, computed standings, cross-source stat normalization, admin data-quality dashboard, installable PWA, 12 automated test suites.

- **Heatstack — NYC Neighborhood Risk Intelligence** [live on Vercel](https://live.vercel.com)

Python · PostgreSQL · React · Vercel · NYC Open Data

Built because community development runs on claims about where need concentrates — usually anecdotal and siloed by agency. A ZIP-level risk engine fusing 311, crime, housing violations, fire, eviction, and rodent data into one geospatial view, so CDCs and funders target capital with evidence.

- **KonekTravay — AI Job-Access Platform for Haitian Youth** github.com/jsaintfleur

Next.js · TypeScript · OpenAI GPT-4o-mini · Supabase · Twilio / WhatsApp · PWA

A workforce-development problem I could see clearly: talent without access. Five LLM functions — skill extraction, résumé generation, job matching, fraud classification, interview coaching — behind a trilingual (Kreyòl / French / English) interface delivered over WhatsApp, because broadband and a laptop are not assumptions this user base can afford.

- **Global Exchange Planner — FX Decision Support** github.com/jsaintfleur

Python package · Streamlit · Next.js · GitHub Actions CI · FRED API

Notebook rebuilt into a reproducible forecasting product: installable package, Interest Rate Parity audit, rolling-origin backtests, tests, CI. The finding was negative — a naïve baseline beat every alternative (MAE 0.388) — so the product recommends a risk-managed split rather than fabricating a timing edge.

- **Who Gets Hired? — NYC Civil Service Equity Analysis** github.com/jsaintfleur

Python · Pandas · Streamlit · NYC Open Data

Dashboard quantifying how adjusted scores, residency and veteran credits, and list timelines determine who actually gets hired into NYC public sector jobs.

Also: NYC Ticket Tracker (ETL, 13M+ tickets) · workforce attrition & placement model (TensorFlow, multi-task NN) · NASA space weather ETL · SONYMA housing-finance analysis · NYC homelessness time series — 34 public repos at github.com/jsaintfleur

PROFESSIONAL ENGAGEMENT & CONTINUOUS LEARNING

- **Columbia Engineering — AI Engineering Boot Camp** **2025**

LLMs, agents, prompt engineering, neural networks, system design, production AI — the training that turned analysis into shipped software. Built on General Assembly's Data Analytics Immersive (2023): Python, SQL, ML, statistics, data engineering.

- **MIT — Global Innovation Conference** *Entrepreneurship, capital systems & growth markets*

Sourced and referred a technology partner lead into LISC's national lending pipeline — a conference connection converted into institutional opportunity.

- **BDO Nonprofit & Small Business Network** *New York City*

Active across a citywide ecosystem of community organizations, small businesses, funders, and consultants.

- **Convenings, forums & leadership development** *Ongoing*

LISC AmeriCorps National Leadership Conference (New Orleans); community development convenings, affordable housing and economic development forums, and AI/technology workshops across nonprofit, government, finance, and tech.

PUBLIC SPEAKING & THOUGHT LEADERSHIP

- **Emcee, 2026 Cashin Fellows Launch Day** — hosted the program launch at 28 Liberty Street for fellows, host-site supervisors, and executive guests.

- **Executive & funder briefings** — present grant portfolio analyses, financial dashboards, and funding recommendations to senior leadership, funders, and government partners — translating compliance, finance, and technical detail into decisions leadership can act on.

- **2026 LISC NY Community Partner Convening** — produced the run of show, prepared panelists, and authored the executive remarks delivered by the Senior Director of Programs & Administration.

- **Representing the organization publicly** — on-camera feature in the Gran Coramino × LISC small-business series; panelist at NYC market and community development events; facilitator with CDC executive directors, consultants, legal, and finance teams.