

Kyle De Los Santos

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PROFESSIONAL EXPERIENCE

True3D (YC W21) <i>Founding Software Engineer</i>	September 2024 – Present New York, NY
- Embedded directly with Sphere, IMAX, Cosm, and A24 to customize a TypeScript/Next.js and Python/ComfyUI video pipeline, running on serverless GPUs, to each venue's format and delivery requirements, securing pilots. - Shipped a Shopify app end-to-end, a WebGL theme extension letting merchants convert flat product photos into interactive, real-time 3D viewers, backed by serverless GPU inference, Lambda, Postgres, and S3/CloudFront. - Built the pipeline reprojecting flat footage into 180-degree fisheye and worked on a VR cinema app in Unity and C# for Meta Quest, including UX/UI, with WebSocket playback sync; featured on The Joe Rogan Experience #2490. - Engineered a real-time 3D volumetric streaming pipeline end-to-end in C++, combining 4 depth cameras into a live voxel stream at 30 fps via lock-free threading (3.3x throughput), and worked on the underlying SPLV voxel codec. - Created the Javascript layer for an open-source WebGPU renderer, displaying dynamic Gaussian splats real time. - Built self-serving outpainting platform end-to-end, including UX/UI, auth, file upload/storage, and billing system. - Designed a structured, parallelizable agent workflow on Claude Code with built-in review/verification gates for writing, testing, and shipping UI code, adopted by all 4 engineers as the primary development workflow.	
AfterQuery (YC W25) <i>Financial Analyst – LLM Research & Product Strategy (Contract)</i>	April 2025 – June 2025 San Francisco, CA
Built chain-of-thought QA datasets on 10-K analysis and valuation modeling to train LLMs for IB/PE workflows.	
Baird Augustine <i>Investment Banking Analyst</i>	June 2024 – August 2024 Los Gatos, CA
Conducted diligence on AI and robotics deals, analyzing ARR growth, TAM/SAM, and GTM for capital raises.	
Claymont Capital Partners <i>Private Equity Associate</i>	March 2024 – June 2024 Brooklyn, NY
Modeled \$2.7M LBO of F&E Services, projecting EBITDA and revenue growth over a 10-year hold to size returns.	
Westlake Securities <i>Equity Research Analyst</i>	January 2024 – April 2024 Austin, TX
Published Q1 2024 Buy ratings on \$CRWD at \$71 and \$AMRC at \$19; both since traded above \$209 and \$42.	
Borex Capital <i>Venture Capital Analyst</i>	July 2023 – September 2023 New York, NY
Managed 100+ client relationships and built weekly outreach lists of 300+ prospects to drive lead conversion.	

EDUCATION

Rutgers University–New Brunswick <i>Bachelor of Science in Finance, Business Analytics & Information Technology</i>	New Brunswick, NJ December 2025
Honors/Awards: RAISE-2024: 1st Place, Fiserv-RU Scholar, RBS-CFA Scholar, Dean's List (All semesters)	

PROJECTS

Window Mode (340+ GitHub stars) <i>Next.js, TypeScript, MediaPipe, WebGPU</i>
Built the client rendering path for an open-source head-tracked 3D demo in Next.js and TypeScript, pairing MediaPipe face landmarks with an off-axis projection matrix to render motion parallax on ordinary 2D displays.
RAISE-24: National Data Science Competition (1st Place, 100+ Teams) <i>Python, pandas, NLTK</i>
Analyzed 10,000 AI news headlines with NLTK, VADER sentiment scoring, and GPT-4 multi-label classification across 17 narrative categories, clustering by sentence-transformer embeddings to surface sentiment trends.

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, C++, SQL (Postgres), HTML/CSS
Frameworks: React, Next.js, Node.js, FastAPI, Flask, Tailwind, Prisma, GraphQL, Unity
Infrastructure: Modal, AWS (Lambda, S3, CloudFront), Azure Blob Storage, Supabase, Docker, Stripe, PostHog, Git
ML/Video: PyTorch, LTX-Video, ComfyUI, FFmpeg, OpenCV, ProRes/EXR, Gaussian splatting, WebGL/WebGPU