

Jensen Huang

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EDUCATION

National University of Singapore
Bachelor of Computing in Computer Science

Singapore
Jul 2023 – 2027

EXPERIENCE

ByteDance Aug 2026 - Current
Network Engineering Intern Singapore

- **Network Topology:** Mapped global networks into a topology graph for internal leaders' triage and buildout.
- **AI Configuration Assistant:** Built an internal AI assistant that helps network engineers generate configurations.

EventVestor Dec 2025 - Aug 2026
Software Engineering Intern Manhattan, New York City/ Chicago

- **Agent-driven scraping platform:** Engineered self-healing scraping and extraction workflows with automated drift detection, retry/escalation loops, and operator review surfaces, using LLM-assisted parsing.
- **Internal tooling:** Built internal tools for managing complex legacy filesystems and observability. Reduced manpower of 10 pax to 1 for certain ingest pipelines.
- **Datasets:** Built data pipelines that feed into datasets consumed by Citadel, Millenium, etc.

Vibranium Labs (A16z-backed) Aug 2025 – Nov 2025
Product Engineering Intern Manhattan, New York City

- **Product Engineering:** Developed key features for a seed-stage startup. Integral in securing a **key pilot** /1st customer (Fortune 500)
- **Internal Devtooling:** Built internal tools for non-technical teammates to interface with the backend, instead of executing Postman calls
- **Mobile Demo:** Built mocked mobile demo of product from scratch, for easy pitching of a complex product at conventions. Integrated obfuscated incident data for AI context.

Razer Inc. Jan 2025 – Jul 2025
Data Engineer Intern Singapore

- **Pipeline Development:** Developed pipelines to ingest Razer's data sources into a data warehouse (**Redshift**).
- **ETL Porting:** Migrated ETL pipelines from **Prefect** to **AWS Batch, Step Functions, and Apache Airflow**, improving stability and enabling advanced monitoring.
- **AI for Gaming:** Stint with the AI department to leverage **AWS Bedrock** to build generative AI for gaming
- **Graph Data Storage:** Implemented **Neo4j** for vector-based context retrieval, enabling custom graph connections to support AI-driven gaming features.

CPFB (Singapore GovTech) May 2024 – Aug 2024
Software Engineer Intern Singapore

- **Sentiment Analysis via AI/ML:** Integrated LLMs and other Machine Learning models (via **AWS Sagemaker**) into workflow for increased accuracy when analysing customer call data.

PROJECTS

CoconutSplit Jun 2024 – Present

- **Expense Management Platform:** Developed a Telegram-integrated expense manager with a React/Next.js frontend and FastAPI webhook backend.
- **Scalable Deployment:** Self-hosted on two Unraid servers with **HAProxy** load balancing for automatic failover and ~99% availability.
- **User Adoption:** Gained 5,000+ users, facilitating 9,000+ transactions worth over SGD 3M as of Apr 2026.

Freakcha - HackHarvard Winner Oct 2025

- **Custom CAPTCHA system:** Built a Human Detection System that even Generative AI cannot beat.
- **SOTA Model:** Finetuned a YOLOv8 image detection system to build a custom model to detect humans.

TECHNICAL SKILLS

Languages: Typescript, Java, Python, C/C++, MySQL, SQLite, JavaScript, HTML/CSS, Bash
Frameworks: React, Tanstack Start, TRPC, Node.js, Next.js, Tailwind CSS, Flask, Jinja, FastAPI
Developer Tools: Git, Docker, GCP/AWS, WSL2, NGNIX, Postgres, NGINX, Apache2