

SHLOMO DAHAN

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EDUCATION

University of Pennsylvania

Master of Computer & Information Technology, Computer Science

Philadelphia, PA

Jan. 2023 – Dec. 2024

- Relevant Coursework: Algorithms, Computer Systems, Computer and Network Security, Networked Systems, Distributed Systems, Artificial Intelligence

University of Miami School of Law

Juris Doctor Candidate (Full Scholarship) – Pivoted to Computer Science

Coral Gables, FL

Aug. 2022 – Dec. 2022

University of Miami

Bachelor of Business Administration in Finance, Minor in Accounting

Coral Gables, FL

Aug. 2015 – Dec. 2018

EXPERIENCE

American Dream

Full Stack Developer

Miami, FL

Aug. 2024 – Present

- Develop, ship, and maintain customer-facing and internal web applications for North America's largest retail and entertainment destination.
- Redesigned high-traffic landing pages and streamlined customer service workflows, improving engagement and operational efficiency.
- Built automation tools and integrations connecting internal and external platforms (e.g., CRM, ticketing, etc.) to reduce manual tasks and improve data reliability.

The Linux Foundation – Jenkins CSP Project

Software Engineer - Contract

Remote

Sep. 2024 – Dec. 2024

- Led efforts in implementing Content Security Policy (CSP) across Jenkins core and top plugins, securing the platform against XSS vulnerabilities as part of the Alpha Omega initiative.
- Modernized Jenkins' legacy codebase by systematically addressing CSP non-compliance issues, including inline scripts, legacy validations, and unsafe event handlers.
- Conducted in-depth code audits and refactoring, collaborating with the Jenkins core team to ensure seamless integration and maintain backward compatibility.
- Adopted and modernized plugins, enhancing default functionality and aligning them with updated security and performance standards.
- **Key Project:** CSP Project Blog

Google Summer of Code

Jenkins

Remote

May 2024 – Sep. 2024

- Implemented a comprehensive user interface for Jenkins Infra Statistics, enhancing user experience and data accessibility.
- Developed and integrated UI components using React, TypeScript, and Material-UI, ensuring a seamless and responsive design.
- Collaborated with the Jenkins community and mentors to align the project with the organization's goals and standards.
- Utilized Git for version control and GitHub for project management and issue tracking.
- **Project Details:** GSoC 2024 Jenkins Infra Statistics | **GitHub:** jenkins-infra/stats.jenkins.io

J.P. Morgan Chase & Co.

Private Banking Analyst

Miami, FL

Jun. 2018 – Jul. 2022

- Collaborated with private bankers to manage UHNW client portfolios, driving comprehensive analysis and strategic growth initiatives.
- Enhanced client relationships through targeted financial solutions and market research, supporting portfolio expansion and retention.

PROJECTS

cleanshot | *Python, OpenAI API, macOS, PyPI*

Apr. 2025

- CLI utility that monitors macOS screenshots folder and automatically renames files using OpenAI's API.
- Built with **argparse**, **watchdog** for filesystem monitoring, and **rich** for styled terminal output.
- Published on PyPI and designed to run seamlessly as a background process.

Algorithm Visualizers | *React, TypeScript, Next.js, TailwindCSS*

Feb. 2024 – Mar. 2024

- Built interactive web platform visualizing sorting algorithms (Merge, Quick, Bubble) and pathfinding (A*, Dijkstra's, BFS).
- Implemented responsive grid-based UI with real-time animation and algorithm efficiency comparisons.

VeriCreds | *React, Next.js, Flask, PyMongo*

Apr. 2023 – Aug. 2023

- Built full-stack Web3 document management platform with blockchain integration and IPFS-based storage.
- Engineered authentication system and front-end interfaces for secure document sharing and access control.

TECHNICAL SKILLS

Languages: Python, Node.js, JavaScript, TypeScript, C/C++, SQL

Web Development: React, Next.js, HTML/CSS, Zustand, MobX, Shadcn/UI, Figma

Databases: MongoDB, PostgreSQL, Supabase, DocumentDB, Aurora RDS

Other Tools: OpenAI API, Git, Docker, AWS

Spoken Languages: Spanish (Fluent), French (Working Proficiency)