

JONATHAN SHAMWANA

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TECHNICAL SKILLS

Languages & Technologies: Python, HTML, CSS, Bootstrap, SQL, Figma, Miro, Asana, Microsoft Suite.

EDUCATION

Minerva University

San Francisco, CA

BSc, Computer Science and Literature (Double Major) **GPA: 3.8**

Expected May 2026

Coursework: Design Thinking; Multivariable Regression; Multivariable Calculus, Linear Algebra; DSA (Spring '24)

EXPERIENCE

The Minerva Project

San Francisco, CA

Event & Experience Design Intern

May 2023 – Aug 2023

- Leveraged Miro & Asana to work cross-functionally with senior management and create project timelines.
- Designed a clustering algorithm to sort the Freshman class into “Legacies”, a.k.a cross-class networks.
- Increased the diversity of legacies by 15% and saved my manager approximately 9 hours of manual sorting.

Arno Media

Remote, UK

Social Media Marketer & Market Researcher

Apr. 2021 – Aug. 2021

- Led meetings with the creative team, the CEO, and respective clients to produce effective ad material.
 - Managed £ 10,000 in monthly ad spend across three B2C ecommerce businesses.
 - A/B Tested Facebook and Google ad campaigns, and used the resulting data to iterate on audience segments, copy and creative. Where appropriate, proposed product improvements.
 - Achieved a Return On Ad Spend as high as 7x for three companies (DogRobes, Squintea & Ruffwear).
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PROJECTS

Portfolio website: jonathans-portfolio.onrender.com (Built w/ Flask; HTML; CSS; Bootstrap)

Afrika Tales – Generative AI

Web App

- Built a web app that generates custom bedtime stories for African children, using the OpenAI API.
- Implemented design principles (E.g, Limited Capacity) to choose appropriate fonts, colors, and white space.
- The web app addresses the pain point of insufficient representation in children’s entertainment.
- **Technologies:** Frontend: HTML; CSS; Bootstrap. Backend: Flask (Python); OpenAI API

i-Runway – Digital Fashion

Ecommerce Marketplace

- Built a full-stack ecommerce website, serving as a marketplace for digital fashion.
 - Implemented the Stripe API to create a working payment functionality.
 - Leveraged SQLAlchemy Databases to store and retrieve all the product data (image, price, description etc.)
 - **Technologies:** Frontend: HTML; CSS; Bootstrap. Backend: Flask (Python); SQLAlchemy
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LEADERSHIP & AWARDS

- Founded the Minerva Speakers Society, a public speaking society with 40+ members. Managed multiple stakeholders (such as event managers and the student life team) to organize three events.
- Awarded the ‘Coupland Math and Physics Scholarship’ (200+ applicants), given a mean exam result of 98%.
- Wrote 50+ blog posts related to software engineering, inclusivity in fashion, and self improvement. Generated 10,000+ unique visitors on my personal site, and 200+ claps on [Medium.com](#).
- Host of the [Humans of Minerva](#) podcast, a podcast with 10,000+ listens to date.