

PFE BOOK

EDITION 2025-2026

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Introduction

Founded in 2018, Dar Blockchain is the first and only company in Tunisia fully specialized in Web3 technologies leading innovation in Blockchain, Artificial Intelligence, and Digital Transformation.

We bridge the gap between technology, talent, and transformation, empowering organizations to innovate, scale, and create real impact.

our values

“ We envision a world where every door leads to progress, where blockchain becomes the architecture of trust, and creativity builds the pathways to tomorrow.”

Blockchain Solutions ■

Smart contracts, digital identity, and decentralized platforms.

AI & Data Intelligence ■

Predictive analytics, automation, and data-driven decisions.

Education & Talent Development ■

Web3 training, hackathons, and startup incubation.

Innovation Consulting ■

Helping organizations embrace and implement emerging technologies.



Dar Blockchain in numbers

Employees

40+

Community Members

15K+

Projects Delivered

250+

Hackathons

25+

Why Join us?



At Dar Blockchain, you don't just join a company you join a movement. We are shaping the future of Web3, AI, and digital innovation in MEA.



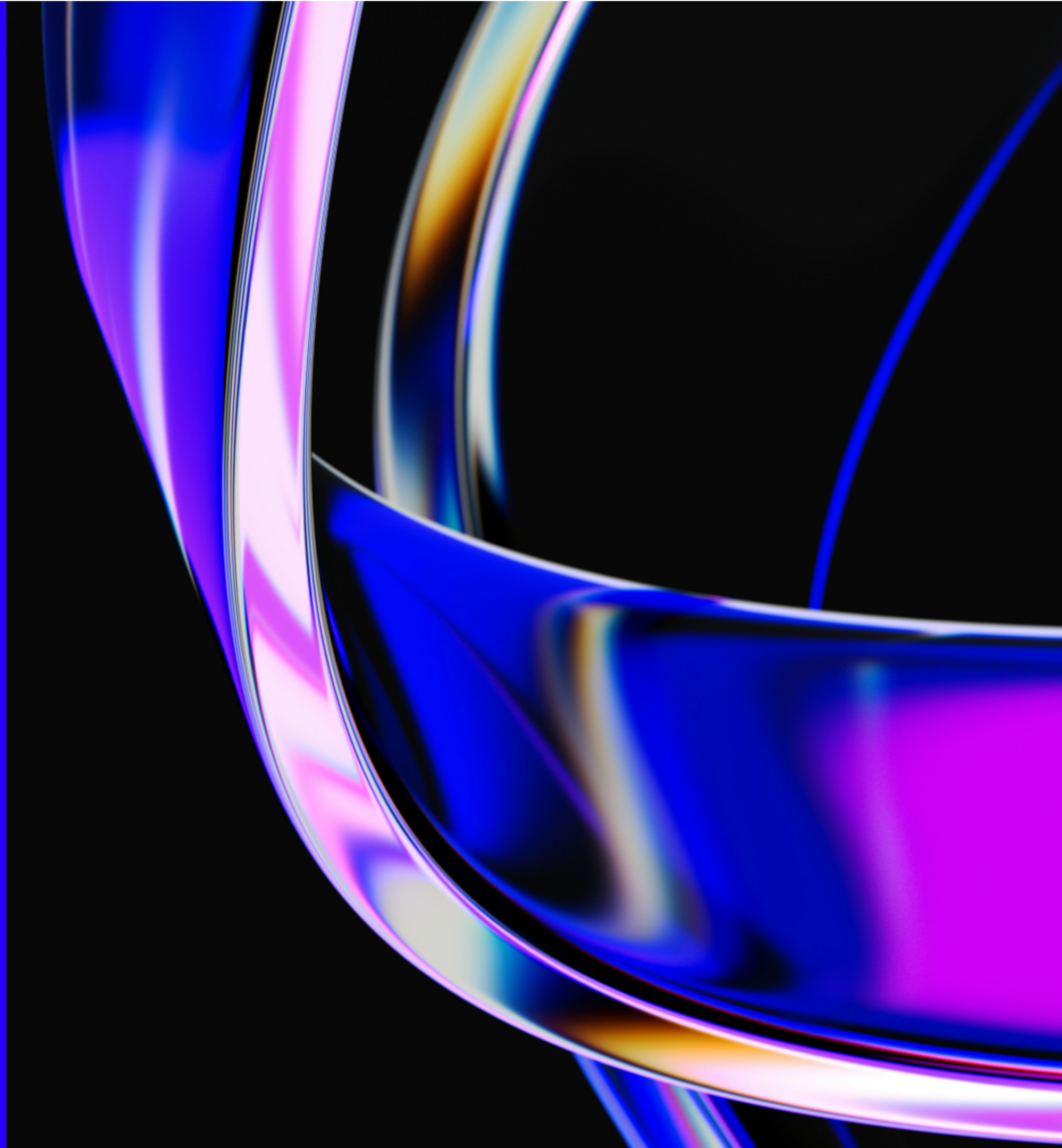
You'll see your work evolve into real products, platforms, and community initiatives that create impact both locally and globally.



Internship Opportunities

From day one, you'll work on real projects that challenge your creativity and sharpen your technical skills.

We believe in learning by doing because innovation doesn't happen in theory.



Overview

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PROJECT

01

AI CODE ANALYZER

–

SECURITY &
COMPLIANCE
MODULE

Duration: 6 months

Positions Available: 2

Position

Security Analysis Engineer

REF: PFE1-001_CYBERSECURITY&AI
DEVELOPER INTERN

Project Overview

Develop an AI-powered platform for detecting security vulnerabilities in code, checking compliance with security standards, and auditing smart contracts.

Main Mission

Build an intelligent system that automatically scans code for vulnerabilities and provides security recommendations.

Expected Deliverables

- Functional vulnerability scanner (OWASP Top 10)
- Dashboard showing security scores and risk levels
- Technical documentation and deployment guide

Required Skills

- Knowledge of web security and OWASP standards
- Basics of smart contract security (Solidity)
- Understanding of vulnerability databases (CVE)

Technologies

Node.js / NestJS, SonarQube (Community), Docker, Git, PostgreSQL

PROJECT

02

CRYPTO ANALYTICS
-
SENTIMENT &
PREDICTION ENGINE

Duration: 6 months
Positions Available: 2

Position

Blockchain Data Analyst

REF: PFE2-002_BLOCKCHAIN DATA
ANALYST – SENTIMENT &
FORECASTING

Project Overview

Build a system that analyzes market and social media data to predict cryptocurrency trends and detect manipulation patterns.

Main Mission

Create a crypto intelligence tool that provides real-time sentiment analysis and market predictions.

Expected Deliverables

- Data aggregation from news and social media (Twitter, Reddit)
- Sentiment analysis engine
- Market prediction model – Interactive dashboard

Required Skills

- Python programming (pandas, scikit-learn)
- NLP basics and API integration
- Knowledge of time-series analysis

Technologies

Python, PostgreSQL, WebSocket, Redis

PROJECT

03

DARBLOCKCHAIN
SUITE

Duration: 6 months
Positions Available: 4

Position 1

Business Intelligence Analyst

REF: PFE3-003 – BUSINESS
INTELLIGENCE ANALYST

Main Mission

Develop dashboards and predictive models to support decision-making and performance monitoring.

Expected Deliverables

- Executive KPI dashboard
- Automated reporting system
- Predictive model for sales or revenue

Required Skills

- Data visualization and KPI development
- Data analysis with Python or SQL

Technologies

Power BI, Tableau, or Python (Matplotlib, Dash), Excel

Position 2

Video Editor

REF: PFE3-004 – VIDEO EDITOR

Main Mission

Create engaging video content for company and client projects.

Expected Deliverables

- Promotional and presentation videos
- Client project showcases
- Social media video library

Required Skills

- Video editing and storytelling
- Basic color grading and audio editing

Technologies

Adobe Premiere Pro, After Effects, DaVinci Resolve, or any video editing software you are comfortable with.

Position 3

Growth Marketing

REF: PFE3-005 – MARKETING&GROWTH

Project Overview

Support the growth of Dar Blockchain's ecosystem by designing and executing creative campaigns that drive awareness, engagement, and participation in programs such as the Hedera Africa Hackathon, THA Membership Program, and university activations across Africa and the MENA region.

Expected Deliverables

- Multi-channel campaign strategy and execution report (X, LinkedIn, Discord, Telegram)
- Content calendar and community engagement plan
- Growth metrics dashboard (reach, engagement, conversions)
- Post-event and campaign performance summaries

Technologies

Notion / Google Suite / Canva / Hootsuite / Figma / HubSpot / Discord / Telegram

Main Mission

Develop and implement digital marketing initiatives that attract new builders, strengthen community engagement, and highlight Dar Blockchain's impact across the Web3 and AI innovation landscape.

Required Skills

- Understanding of digital and growth marketing fundamentals
- Excellent communication and copywriting skills (English/French preferred)
- Basic knowledge of analytics tools and campaign tracking (Google Analytics, Meta Suite, etc.)
- Familiarity with Web3 trends and startup ecosystems

Position 4

Community Manager

REF: PFE3-006 – COMMUNITY&ENGAGEMENT

Project Overview

Foster and manage a vibrant, inclusive community of developers, students, and innovators around Dar Blockchain's programs and the broader Hedera ecosystem.

The role supports both online engagement and on-ground events, amplifying community stories and success across platforms.

Expected Deliverables

- Structured community growth plan (Discord, Telegram, WhatsApp)
- Weekly community engagement reports and analytics
- Event coordination support for hackathons and info sessions
- Community content assets (photos, videos, success stories)

Technologies

Discord / Telegram / Google Suite / Canva / Notion / Typeform / OBS

Main Mission

Strengthen Dar Blockchain's presence through community activations, consistent communication, and partnerships with local hubs, universities, and ambassadors.

Required Skills

- Excellent interpersonal and communication skills
- Familiarity with Discord, Telegram, and community engagement tools
- Proactive attitude with interest in blockchain and Web3 culture
- Strong organization and coordination abilities

PROJECT

04

TALENTAI AI-POWERED
GROWTH MARKETING

Duration: 6 months

Positions Available: 1

Position

Marketing Strategist

REF: PFE4-007 – AI-POWERED
MARKETING STRATEGIST

Project Overview

Develop AI-assisted marketing tools to optimize campaigns, automate content creation, and measure growth performance.

Main Mission

Implement AI-based strategies to improve user engagement and lead generation.

Expected Deliverables

- Automated content creation system
- Multi-channel marketing framework
- Growth dashboard with KPIs

Required Skills

- Content marketing and SEO
- Marketing automation basics
- Familiarity with AI content tools

Technologies

Jasper / Copy.ai, Google Analytics, CRM tools

PROJECT

05

AI-BASED
LIQUIDATION BOT

Duration: 6 months

Positions Available: 1

Position

Blockchain and AI Developer

REF: PFE5-008 – AI-BASED
LIQUIDATION BOT DEVELOPER

Project Overview

Develop an intelligent liquidation bot for DeFi lending protocols that leverages a pre-trained AI model to predict upcoming liquidation events and act before competitors.

The system will monitor on-chain lending positions, analyze risk metrics, and anticipate which positions are most likely to be liquidated in the near future.

Expected Deliverables

- Machine learning model for liquidation prediction
- Real-time monitoring and execution engine
- Performance dashboard and evaluation report

Technologies

Rust, Python, PostgreSQL

Main Mission

Build a real-time prediction and automation system capable of:

- Forecasting liquidation risks based on live blockchain data
- Executing liquidation transactions efficiently and securely
- Optimizing strategy performance using predictive insights

Required Skills

- Good understanding of DeFi and liquidation mechanisms
- Machine Learning (Python / PyTorch or Tensorflow / Scikit-learn)
- Smart contract basics (Solidity or Rust)
- API / WebSocket integration

PROJECT

06

PERPETUAL DEX
ON HEDERA

Duration: 6 months
Positions Available: 2

Position

Blockchain & Finance Developer

REF: PFE6-009 PERPETUAL DEX
DEVELOPER (HEDERA)

Project Overview

Design and implement a decentralized exchange (DEX) for perpetual contracts on the Hedera Hashgraph network.

The platform will enable leveraged long/short trading with a dynamic funding rate mechanism, secure margin management, and decentralized oracle integration.

Expected Deliverables

- Smart contract suite for perpetual trading
- Backend trading engine and API
- User-facing demo interface
- Technical documentation

Technologies

Rust, Hedera SDK, Solidity

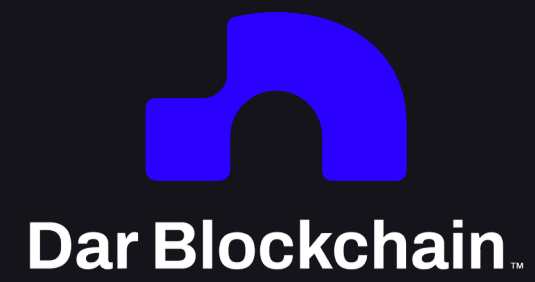
Main Mission

Develop the smart contracts and backend architecture of a Perpetual DEX, focusing on:

- Margin and leverage management
- Funding rate calculation
- Oracle-based price feeds and real-time updates
 - Integration with Hedera's EVM-compatible layer

Required Skills

- Solidity (smart contracts)
- Understanding of DEXs and perpetual
- Knowledge of Hedera SDK and EVM compatibility
- Basic financial modeling concepts



To apply please include the reference number (REF) in the email subject line.
(Attaching your portfolio or study projects is recommended and will be considered a plus.)

Send your applications



careers@darblockchain.io