

Preston L.C Kirschner

West Palm Beach, FL 33405 | (561)-373-0161 | Email: PrestonKirschner1@gmail.com
LinkedIn: www.linkedin.com/in/preston-kirschner | Portfolio: portfolio-pcarth.vercel.app/

EDUCATION

UNIVERSITY OF MIAMI

FinTech Bootcamp

Relevant Coursework: Data Science; Data Structures; Algorithms; Python; SQL; Machine Learning; DeFi; AWS

Miami, FL

Nov 2021 - Jun 2022

UNIVERSITY OF FLORIDA

Bachelor of Science - Psychology & Pre-Medicine

Gainesville, FL

Aug 2016 - May 2021

SKILLS

Programming Languages: Python, SQL, NoSQL, JavaScript, TypeScript HTML/CSS, JSON, Solidity

Technologies: React, Nextjs, Node.js, Git, EVM, Crypto, Blockchain, DeFi, AI, GPT, Speech Synthesis, GAN

Tools: Truffle, Hardhat, Remix, Web3JS, EthersJS, IPFS, FileCoin, Netlify, Vercel, ChatGPT, MidJourney

WORK EXPERIENCE

DIGITAL INSIGHT GAMES (D.I.G)

Software Engineer

(Remote) Los Angeles, CA

Dec 2022 – Present

- Developed a bespoke NFT EVM smart contract and Mint site, utilizing Solidity, Svelte, and Tailwind technologies
- Engineered a zoomable user activity chart capable of processing over 3 million data points with Svelte and Apex-Charts, along with a rest-api to effectively query data from postgres database.
- Planned and Scaffolded AWS Game Analytics ETL Pipeline with S3, Glue, & Postgres to generate trackable KPIs for stakeholders

METACART

Web3 Fullstack Developer & Founder

West Palm Beach, FL

Jun 2022 – Dec 2022

- Built a custom dashboard that displays affiliate marketer's user growth and sales with MongoDB, ReactJS, & ANTD
- Implemented cloud functions to listen for on-chain events and update Database anytime NFT is listed or purchased
- Designed and programmed NFT marketplace smart contract with built-in commission allocation using Solidity
- Recorded extensive technical documentation of code and functionality for all smart contracts and React files

ARTRKL LLC

Business Developer (contract)

Miami, FL

Nov 2021 – Apr 2022

- Developed Website UI/UX and built with Figma and WIX
- Served as a liaison between company and external parties, conducting interviews, training interns, and hiring freelancing services.
- Streamlined internal organization and communication systems using Trello, Slack, and Microsoft Teams, bolstering efficiency.

PERSONAL / HACKATHON PROJECTS

Blabberbox (Solo Project) – <https://Blabberbox.io>

Dec 2022 - June 2023

- Envisioned and built an interview bot using GPT and Next.js for interactive and personalized interview simulations
- Implemented an authentication system using Firebase and stored user feedback with Firestore, facilitating personalized learning plans and continuous improvement in interview skills
- Incorporated Google Text-to-Speech & Whisper APIs to offer lifelike audio interview experiences
- Designed AI-generated assets using MidJourney and DALL-E for a unique user experience.

Hidden in Plain Byte (Solo Project) - <https://huggingface.co/P-Carth/hidden-in-plain-byte>

May 2023 - June 2023

- Developed a Streamlit application leveraging steganography and cryptography to embed signed, verifiable data in images.
- Formulated this proof-of-concept to counter deceptive AI, offering a means to securely embed and subsequently reveal an image's authentic origin.
- Open-sourced the project to foster awareness and encourage collaborative efforts for enhanced AI security.

Peerio – FEVM Hackathon Project (5-person team) - <https://ethglobal.com/showcase/peerio-0bv55>

(48 Hours Total) Nov 2022

- Recruited 4 other teammates and took lead-role, concepted project idea, and presented pitch-deck + live demo to judges
- Developed the solidity smart contract on the FEVM to automate a Peer-Review DAO
- Placed in the top 10 out of 117 total team submissions and received \$500 collectively- Awarded by Filecoin
- Went on afterward to raise \$1,000 in microgrants for on-going research and development of Peerio

ADDITIONAL

CERTIFICATIONS:

- NFT Talents Program (18-Week Program Empowering Leadership in the NFT Space @ Frankfurt Blockchain Center)
- Coursera: Blockchain Specialization | Deep Learning with PyTorch: GAN | Python Data Structures
- **International Baccalaureate (IB) Diploma**

AWARDS: Awarded NFT "SuperTalent" (5 out of 180 students) from NFT Talents Program

Oct 2022

INTERESTS: Free Diving, Hiking, Rock Climbing, Gym, Chess, Toastmasters, Entrepreneurship