Chris De Leon

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PROFESSIONAL EXPERIENCE

AnChain.AI - Blockchain Cybersecurity Startup   **Remote**
Tech Lead   **Jul 2022 - Present**

Spearheaded the development of a distributed smart contract event monitoring product capable of processing a high volume of blockchain transaction data in real-time. Drove the technical direction of the product to scale to high-traffic loads.

- Led a cross-functional team of 5 engineers in building a real-time smart contract alert platform, processing 1+ million smart contract events per second and maintaining low latency data retrieval
- Implemented agile methodologies, including Scrum and Kanban, to streamline development processes and improve developer velocity by 25%
- Conducted a code refactoring initiative that reduced technical debt by 60%, resulting in improved code maintainability, faster development cycles, and increased developer productivity

AnChain.AI - Blockchain Cybersecurity Startup   **Remote**
Full Stack Software Engineer   **Apr 2021 - Jul 2022**

Led the development and maintenance of several distributed NFT applications. Introduced a robust CI/CD pipeline, enabling agile feature deployments, optimizing cloud costs, and accommodating increased user traffic.

- Implemented a continuous integration and delivery pipeline from scratch using AWS Cloudformation and Bitbucket pipelines, resulting in a 70% reduction in deployment time and facilitating rapid feature releases and bug fixes
- Developed several NFT web applications using Node.JS, PostgreSQL, Typescript, and React one of which generated $1+ million in revenue within the first six months of launch
- Led the migration of a monolithic application to a microservices architecture using AWS Elastic Container Service. Resulted in a 50% reduction in cloud costs and ability to support 200% increase in user traffic

UC Berkeley - RISE Lab   **Remote**
Full Stack Academic Researcher   **Aug 2020 - Aug 2022**

Researched human-computer interaction and relational database management systems in the context of the DataSpread spreadsheet system. Focused on optimizing cell computation, visualizing spreadsheet patterns, and conducting benchmarking for a new formula computation framework. Explored innovative approaches to enhance user experience and efficiency in spreadsheet data manipulation and analysis.

- Developed an Excel extension using React and Typescript that analyzes the formula graph of a spreadsheet, identifies the patterns within it, and presents the patterns to users to improve their spreadsheet organization
- Created multiple benchmarking automation scripts using Bash, Python, and Docker reducing experiment run-times by ~50% on average
- Implemented 2 new scheduling algorithms for cell computation and benchmarked them in Java allowing the lab to narrow down on the most efficient processing technique
- Used Python libraries such as Pandas and NumPy to identify 5 simple formula graph patterns from a spreadsheet dataset comprising over 100 million data points leading to the design of a cutting-edge graph compression framework for spreadsheet systems

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY   **Berkeley, CA**
Master of Science in HCI and RDBMS   **Aug 2021 - May 2022**

UNIVERSITY OF CALIFORNIA, BERKELEY   **Berkeley, CA**
Bachelor of Arts in Computer Science   **Jul 2018 - Aug 2020**

ADDITIONAL INFORMATION

- Technical Skills: Python, Go, Java, C, C++, Bash, Linux, Ruby, Rails, Javascript, Typescript, HTML, CSS, React, Next.JS, SASS, tailwind, GraphQL, REST, Node.JS, docker, AWS, PostgreSQL, MySQL, MongoDB, Redis, Express.JS, Pandas, NumPy, Tensorflow, PyTorch, LangChain, Matplotlib, Scikit-Learn, Prisma ORM, Nest.JS, Kafka, Git, Bitbucket, Terraform / Cloudformation, gRPC, Django / Flask, PL/SQL, Keras, Jest, Cypress, Rust