

Aaron Daniel Stern

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[LinkedIn](#) | [GitHub](#)

TECHNICAL SKILLS

Front End: HTML, CSS, JavaScript (ES6), Typescript, React, Redux, Next.js, Vue3, Vuex, Nuxt.js, AWS Amplify

Back End: Java, R, SQL, Python, Node.js

Testing/Deployment: JUnit, Vitest, Jest, Cypress

Developer Tools: Git, npm, yarn, Vite, Webpack, Babel, Figma, VS Code, Eclipse

EXPERIENCE

Full-Stack Developer Intern (Digital Assets)

June 2023 – August 2023

The Brooker Group Plc, Bangkok, Thailand

TypeScript | Vue | Vuetify | Vite | AWS Amplify | Python

- Largest alternative investment management firm in Thailand, providing financial and digital asset advisory services and capital management; significant holder of digital assets; partner of Binance Labs.
- Developed and maintained the front-end of Brooker's new generative AI platform, serving as the primary front-end developer responsible for approximately **90%** of front-end development tasks.
- Refactored codebase by implementing a component-based architecture to enhance maintainability, scalability, and consistency across the platform; reduced code repetition by **~40%**.
- Led the successful integration of a third-party payment service, OPN, into the digital asset's platform, enabling secure and seamless transactions for users.
- Implemented caching and pagination, resulting in a decrease in API calls and a faster load time by **~200ms**.

Frontend Software Engineer Intern

July 2022 – August 2022

Vendii, TAO BIN, Bangkok, Thailand (hybrid)

TypeScript | React | Webpack | MUI

- A cloud-native startup that offers an integrated suite of vending machine management tools, catering to businesses of all sizes and providing real-time monitoring, inventory management, advertising, loyalty programs, and seamless ERP integration.
- Worked on development and improvement of the user interface for the company's web application using HTML, SASS, JavaScript, TypeScript, React, and MUI.
- Created custom React hooks to query and mutate data using React Query and GraphQL.
- Collaborated with the back-end developer to design the structure of the GraphQL API.
- Migrated existing REST API queries to GraphQL to improve data management and performance by **20%**.
- Implemented modal forms with validation to streamline user experience and reduce repetitive tasks for clients.

Summer Learning Academy Externship

June 2021 – July 2021

AT&T, Dallas, TX (remote)

- Completed a certificate program externship with a focus on business and technical acumen, career, and personal development.
- Developed business and technical knowledge through workshops led by experts in the fields of IoTs, AI, Machine Learning, Project Management, and Leadership.
- Attended regularly scheduled online webinars and video conferences featuring experienced professionals from the Information Technology industry who shared their insights and expertise.

Finance Intern

August 2020 – December 2020

Gaysorn Property Co. Ltd. Bangkok, Thailand

Excel | Power BI

- Worked on projects directly with the Chief Financial Officer at Gaysorn Property Co. Ltd.
- Updated the lease-roll revenue forecast to account for the impact of Covid-19 on the company's financials.
- Prepared a presentation on revenue analysis for internal valuations and common spend analysis.
- Used Excel to update cost and future projection calculations on commercial real estate properties.
- Built a Microsoft Power BI dashboard to showcase the revenue and sales relative to tenant square footage.

EDUCATION

Dickinson College, Carlisle, PA

Expected December 2024

B.S. in Computer Science

GPA: 3.34

- Recipient of the Hugh B. Woodward and Helen K. Woodward Scholarship
- NCAA Division III Men's Swimming and Diving
- Dean's List – Spring 2023

The Peddie School, Hightstown, NJ

May 2020

- Recipient of the Nicholas R. Kaschik '98 Scholarship

PERTINENT COURSEWORK

Objected-Oriented Design / Data Structures / Computing Abstractions / Cyber and Information Security / Intro to Data Science / Computer Networks / Large-Scale & Open-Source Software Development / Programming Language Structures / Data Systems for Data Analytics / Analysis of Algorithms / Artificial Intelligence / Finance / Micro/Macroeconomics / Accounting