Daena McClintock

Software Engineer – Boston, MA

Portfolio: https://daenamcclintock-portfolio.netlify.app/ • https://github.com/daenamcclintock

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TECHNICAL SKILLS

Programming Languages: Solidity, Javascript ES6, Python, HTML, CSS, SQL
Frameworks: React, NodeJS, ExpressJS, Bootstrap
Databases & Backend Applications: MongoDB, Mongoose, Django, Postman, PostgreSQL
Deployment: Heroku, AWS
Other Technical Skills: Microsoft Excel and PowerPoint, Financial Modeling, DCF Analysis, Bloomberg Terminal, Stata

PROJECTS

LuxEstate
Luxury real estate application designed for realtors to list properties and users to browse and inquire about properties. Built with the MERN stack, LuxEstate features two different user types, full CRUD functionality, and complex logic for searching and filtering properties by location as well as a multitude of metrics. Built a proprietary backend API to seed property data while utilizing the MapBox third party API for visual mapping and the NPM Nodemailer package to allow users to email the agency. Individually developed in a five business day code sprint.

GytShop
Full-stack e-commerce store built with Javascript, React, Bootstrap, and MongoDB. Hosted on GitHub and deployed using Heroku. Built with the MERN stack, the application features user authentication, full CRUD functionality, and the ability for users to add products to their cart and checkout. Built a proprietary API to seed data and utilized the third party Stripe API for payment processing. Developed in a team of four in three business days using Agile development methodology.

NFT Social
Social media application designed for NFT owners to showcase their digital artwork. Built with HTML, Bootstrap, Javascript, ExpressJS, MongoDB, and NodeJS. Application features secure user authentication and full CRUD functionality. Utilized the Moralis third party API to integrate search functionality and extract real-time data from the OpenSea NFT marketplace. Self-developed over four business days.

Bringing Down the House!
Interactive front-end blackjack game utilizing a tech stack comprised of Javascript, HTML, CSS, and Bootstrap programming languages and frameworks. Operates with logic mirroring casino-style blackjack and an AI simulating the dealer. Includes functionality to keep the card count and teach the user how to count cards.

WORK EXPERIENCE

BNY Mellon Wealth Management, New York, NY — June 2020 – February 2022
Portfolio Analyst
- Conducted due diligence on a variety of asset and sub-asset classes for inclusion in client investment portfolios
- Met with clients regarding investment portfolios, estate planning, tax planning, cash flow analysis, and fiduciary risks

The Bank of New York Mellon: Mellon Investments, Boston, MA — June 2019 – August 2019
Equity Research Summer Analyst
- Created comprehensive DCF financial models to calculate the intrinsic valuation of prospective investments within the sector
- Worked with analyst team to research equities within the global natural resource sector; pitched to active equity portfolio managers

Nekko Capital, Barcelona, Spain — January 2019 – May 2019
Venture Capital Investment Analyst
- Scouted investment opportunities through investment forums and meetings with fund managers
- Collaborated with analyst team to draft and write investment strategy reports; presented to executive management

EDUCATION

General Assembly — February 2022 – May 2022
Software Engineering Immersive Program
- 500+ Hour Full-Stack Development Bootcamp

University of Massachusetts Amherst, Amherst, MA — September 2016 – May 2020
Isenberg School of Management and Commonwealth Honors College
Bachelor of Business Administration in Finance; Bachelor of Arts in Economics — Cumulative GPA: 3.81/4.00
- Cum Laude; Commonwealth Honors College Scholar with Greatest Distinction — Major GPA: 3.93/4.00
- Honors Thesis: The Effect of Microfinance on Poverty Alleviation in Developing Economies