Allan Einhorn

(347) 263-6306
My Portfolio - *Linkedin*

Languages: *Javascript, Typescript, Python*
Technologies & Frameworks: *React, Node.js, Express, SQL, MongoDB, Mongoose*

PROFESSIONAL EXPERIENCE

2u (Columbia University, edX Bootcamps)
Software Engineer | Assistant Instructor | Centralized Grader
06/2022 – Present
Technologies: *React, Node.js, Express, MongoDB, Typescript, PostgreSQL, MySQL, Sequelize, Redux, REST APIs, Apollo GraphQL, OOP, Sequelize, Cypress, Jest, JWT, Git, Github, GitBash, Insomnia, Bootstrap, HTML5, CSS3, Bootstrap, Tailwind, MVC, JQuery, Web APIs*

- **Full-Stack Development**: *Guide students in modern full-stack development using MERN stack (MongoDB, Express, React, Node.js) and GraphQL.*
- **CI/CD & Testing**: *Teach and implement CI/CD pipelines, ensuring continuous integration and deployment best practices. Conduct testing with Jest, Insomnia, and GraphQL Playground, enhancing the stability of student projects.*
- **Code Reviews & Debugging**: *Review and debug student projects, identifying issues in RESTful APIs, GraphQL queries, and database connections, fostering technical growth and code quality.*
- **Version Control & Collaboration**: *Introduce students to Git and GitHub version control practices, enabling effective project collaboration.*
- **Database Management**: *Demonstrate the use of relational (MySQL, PostgreSQL) and non-relational (MongoDB, Firebase) databases, ORM/ODM methodologies, and CRUD operations.*
- **Leadership & Mentorship**: *Act as a key point of contact for students, offering guidance, troubleshooting assistance, and personalized support.*

iCode (Afterschool Program for Kids)
Web Development Instructor
03/2024 – 08/2024
Technologies: *HTML5, CSS3, Scratch, Vex IQ, Minecraft*

- **Technical Instruction:** *Taught foundational web development concepts (HTML, CSS, JavaScript) to K-12 students in a fun and interactive environment.*
- **Mentorship**: *Encouraged critical thinking, logical problem-solving, and an interest in STEM through engaging coding activities.*
- **Student Engagement**: *Used creative methods to keep students motivated, ensuring an interactive and positive learning environment.*

ADDITIONAL SKILLS & QUALITIES

- **Problem-Solving:** *Strong analytical mindset for debugging and improving software applications.*
- **Clean, Documented Code**: *Committed to writing clean, maintainable, and well-documented code.*
- **Work Ethic**: *Demonstrated perseverance, adaptability, and reliability across diverse roles and industries.*
- **Time Management**: *Effectively balances multiple responsibilities, prioritizes tasks, and meets deadlines.*
- **Communication & Teamwork**: *Strong communicator who builds positive relationships with coworkers, fostering a collaborative and supportive team environment.*

EDUCATION

Coding Temple, *Fullstack Web Development Bootcamp (10/2021 - 02/2022)*
Kingsborough CUNY, *Associate of Science : Biology*
Zero To Mastery Academy, *Data Structures & Algorithms, React*