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EDUCATION

Atlanta, Ga	**Flatiron School**	**Oct 2018 – Feb 2019**

- **Major:** Associates in Computer and Information Science
- **Programming Coursework:** Git, Ruby, Object Oriented Programming, Ruby on Rails, JavaScript, React, React Router, Redux, Data Structures and Algorithms.

Baltimore, MD	**Maryland Institute College of Art and Design**	**Fall 2008 - Spring 2011**

- **Major:** Drawing, B.F.A
- **Coursework:** Elements of Visual Thinking I & 2, Drawing 1 & 2, Painting 1 & 2, Electronic Media and Culture, Professional Practices for Visual Artist, and Color Abstraction. etc.

EMPLOYMENT

Software Engineer Coach	**Flatiron School**	**April 2019 – Present**

Immersive full-stack web-development school
- Improved students understanding of full stack programming principles by observable amounts by incorporating one-on-one debugging lessons and self-led coding breakouts.
- Increased students test scores by up to 50% by implementing individual study plans derived from weaknesses observed in initially administered challenges.
- Leveraged knowledge in Git, Ruby, Rails, JavaScript, React, and Debugging processes by demonstrating said principles in lectures, breakouts, and individual student lessons.
- Optimized personal programming education by 8 hours every day through constant immersion in all aspects and phases of development which includes research, planning, building, debugging, refactoring, grading code challenges, code reviews, and deployment of colleagues code, students code, and personal code.
- Improved programming skills by utilizing professional development hours to complete courses focusing on the MERN Stack, Data Structures and Algorithms, GoLang, advanced design principles, and advanced debugging.

TECHNICAL EXPERIENCE

Projects

Portfolio (2019) (www.wgeorgedev.com for more information on projects)
- Developed a responsive single-page web application that allows users to view my development projects, fine art, resume, and social media links.
- Incorporated Web hooks written in Go to implement automatic deployment and redeployment.
- Leveraged a Digital Ocean droplet initialized with Linux to serve the build-folder of React application.
- Utilized: React; JavaScript; React Router for client side routing; Web hooks; Linux; NGinx; Bash Scripts; Ubuntu 18.04; Semantic Ui React; Git; Github;

ArtShare (2018) (See Portfolio/Development section)
- Created a single-page web application that allows users/artists to share their work with the world.
- Leveraged Rails API to create a RESTful backend server that persists user data to Postgres database.
- Implemented image upload in applications backend by integrating rails active storage and Amazon S3 buckets.
- Decreased potential security threats from hackers by using JWT Authentication.
- Utilized: Git; React; Redux; Router; Rails; Active Storage; Heroku; Amazon S3; Travis CI;JWT;

DreamBoard (2019) (See Portfolio/Development section)
- Developed application to provide an interactive playground for users to create image collages by utilizing a library called React-Grid-Layout and an an API called Unsplash.
- Utilized: Git, JavaScript, React, React Router, React Redux, Node.js, React-Grid-Layout, Semantic UI React,

ADDITIONAL EXPERIENCE AND AWARDS

- **TEDx Experience - Art With Code (August 2019):** Participated as the guest speaker/instructor of this TEDx Experience that was held in Colony Square, Atlanta, Ga floor 10. I leveraged fundamental JavaScript and the visualization library P5JS to teach the audience how to build art with code. (Ask for pictures and references)

Languages and Technologies

(*proficient*): Ruby; JavaScript; React; Rails; Node.Js; Express; MongoDB; Visual Studio Code; PostgreSQL; JWT; SQLite; JetBrains; JSON; Semantic UI; Bootstrap; CSS; HTML; HTML5;
(*familiar*): Go; Python; C#; Haskell; Vue.js; Angular.js; Reason; (*willing to learn*): Anything;