

Leobardo D. Martinez Quiroz

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SUMMARY

I'm a dedicated problem solver with a passion for continuous learning and bilingual proficiency. My diverse background spans from chemical operations to developing innovative web solutions. At Tech Impact, I honed my skills as a Front-End/Data Visualization Developer Fellow, specializing in UI/UX design and data visualization, and delivering excellence in data product delivery. With a strong foundation in design thinking, I craft intuitive user experiences and translate complex concepts into user-friendly interfaces. I strategically approach front-end development to deliver impactful solutions that meet user needs and business objectives. Passionate about innovation, I seek growth opportunities and aim to make meaningful contributions to dynamic teams.

PROFESSIONAL EXPERIENCE

RELEVANT EXPERIENCE

Freelancer, Middletown, DE — *Web Development Advisor*

SEPTEMBER 2022 - PRESENT

- Work closely with stakeholders to identify their visualization business requirements
- Design, build, and deploy websites for small businesses increasing their public presence

AVI I.T., Wilmington, DE — *Lead of Software Development*

SEPTEMBER 2022 - PRESENT

- Lead AVI I.T.'s Software Development division, overseeing maintenance, enhancement, and cost-effective solutions for small businesses
- Implement cutting-edge software applications and practices, while fostering collaboration and continual improvement within the team

Tech Impact, Newark, DE — *Front-End / Data Visualizations Developer Fellow*

Member, Tech Impact DEI Committee

JUNE 2023 - MAY 2024

- Led and contributed to user interface UI/ user experience UX design efforts by delivering wireframes, storyboards, prototypes, and mock-ups of data products.
- Translated UI/UX prototypes into code
- Defined and iterated through application designs, refining structural and aesthetic decisions based on user testing and client feedback
- Author and document reusable code and libraries for routine processes
- Defined and ensured adherence to testing and validation standards across projects
- Consulted clients on best practices and decisions for enhancing their tools and developing new ones
- Optimized applications for maximum speed, scalability, and accessibility
- Collaborated with other members of Fellowship in the design, wireframing, and final build of production-grade data products
- Oversaw all technical aspects of implementing elements of graphic design into front-end interfaces

ADDITIONAL EXPERIENCE

Sherwin Williams, Middletown, DE — *Sales Associate Bilingual Spanish*

FEBRUARY 2023 - JUNE 2023

- Ensured that sales transactions were completed accurately, and maintained accurate work order files and formulas
- Supported the sales, servicing wholesale and retail customers in person and over the phone by determining needs and presenting appropriate products and services

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

Java, JavaScript, HTML, CSS

FRAMEWORKS & LIBRARIES

React.js, Vue.js, Recharts, MapBox, Spring Boot, Bootstrap, Tailwind, Storybook, Chromatic

CONTENT MANAGEMENT SYSTEMS (CMS)

Squarespace, WordPress

DESIGN & PROTOTYPING TOOLS

Adobe XD, Figma

DEVELOPMENT TOOLS

VS Code (Visual Studio Code), IntelliJ

VERSION CONTROL

GitHub, Git

TESTING TOOLS & METHODOLOGIES

Unit Testing, JUnit, Integration Testing

DATABASE MANAGEMENT SYSTEMS

PostgreSQL

OTHER

Adobe Illustrator, Adobe Photoshop, Canva, Responsive Design, E/R Diagrams, Microsoft Office 365, StoryBook, Chromatic

EDUCATION

Tech Elevator
Wilmington, DE

MAY 2022 - AUGUST 2022

Completed a 14-week full-stack coding boot camp focused on crafting dynamic web-based software systems in Java, offering over 700 hours of comprehensive development education and hands-on application.

BASF, Newport, DE — *PowerHouse Operator-Chemical Operator-Material Handler*

MAY 2015 - MAY 2022

- Operated high-pressure steam boilers and supported feedwater system (softeners, deaerator, decarbonator)
- Field-operated air compressors and related dryers and receivers
- Monitored and adjusted wastewater treatment plant pH to ensure compliance of discharge to POTW within permit regulations
- Managed and monitored Thermal Oxidizer skid to ensure clean emissions
- Safely charged, dumped ball mills using batch cards and process orders, troubleshoot when needed
- Took samples for wet mills using a titrator and for dry mills using GCs (Gas Chromatograph) to detect amounts of Oxygen, Nitrogen, and Hydrogen
- Loaded/unloaded all site-delivered and exiting materials
- Transported safely hazardous waste and processed raw materials around the plant

TECHNICAL EXPERIENCE

PRODUCT DESIGN

[Wilmington Alliance SIRE](#) – *Adobe XD*

Collaborated closely with an internal team of Data Engineers and Data Analysts to understand the client's needs. Designed the product by iterating through client feedback and offering design options to meet their requirements.

[Secondary Education Enrollment to Workforce Eligibility Pipeline](#) – *Adobe XD*

Designed a wireframe for a dashboard that includes a comparison view. This was an internal project focused on enhancing data visualization for educational pathways.

[Tech Impact's Ideation Project](#) – *Figma*

Designed a wireframe for a project at the beginning of the cohort, demonstrating skills in teamwork, idea gathering, and implementation. The project showcased the ability to synthesize collective ideas into a cohesive design.

FRONT END DEVELOPMENT

[Wilmington Alliance SIRE](#) – *React.js, Recharts, Mapbox, CSS, HTML, Canva*

Collaborated with front-end developers to co-develop the interface, focusing on producing and laying out components with a focus on responsiveness. This initiative empowers WA to assess its data maturity and align with its goals, resulting in visually engaging dashboards highlighting key insights.

[Secondary Education Enrollment to Workforce Eligibility Pipeline](#) – *React.js, Recharts, CSS, HTML*

Password: Education24! Collaborated closely with a fellow developer to co-design the front-end interface, focusing primarily on creating and laying out components and setting up visualizations for data incorporation. Developed an open-source methodology to quantitatively represent Delaware's school-to-workforce pipeline, visualizing enrollment and graduation counts.

[Recidivism and Prison Gerrymandering](#) – *React.js, Recharts, Mapbox, CSS, HTML, Canva*

Collaborated closely with a fellow developer to co-design the front-end interface, focusing primarily on creating and laying out components and setting up visualizations for data incorporation (Charts, Maps). Designed and developed an informational website comparing critical criminal justice policy issues between Delaware and the wider U.S.

[Delaware's Solar Energy Transition: A Historical Visualization](#) – *React.js, 3D, CSS, HTML, TypeScript*

My primary contributions included debugging, adding components to enhance the user interface, and addressing other UI/UX issues. Contributed to the development of an interactive dashboard mapping the evolution of solar energy and the distribution of Green Energy Program Grants in Delaware from 2015 to 2021.

[West End Social Impact Reporting and Evaluation](#) – *React.js, StoryBook, Chromatic, Recharts, Mapbox, CSS, HTML* – **Password: Rncdd20!23**

Collaborated closely with front-end developers to co-develop the interface, focusing on producing and laying out components with an emphasis on responsiveness, and integrating Chromatic for Storybook. Empowered WE to assess their data maturity and align with organizational goals, resulting in visually engaging dashboards representing key insights.

WEBSITES

[Monica Lopez Website](#) – *(CSM) Squarespace*

I designed, built, add a custom domain and deployed the website.

[Portfolio Website V1](#) – *Vue.js, Bootstrap, Scss, HTML, JavaScript, Canva, VSCode, Vercel*

I designed the layout, built the components, and deployed the website using Vercel.

[Avi-I.T. Web Site](#) – *Vue.js, Bootstrap, Scss, HTML, JavaScript, Canva, VSCode, Vercel*

I redesigned the layout, built the components, and deployed the website using Vercel.

STRENGTHS

Self-starter

Proven ability to work independently, and manage multiple projects simultaneously leading to timely, accurate results

Cross-functional Teamwork

Experience collaborating with cross-functional teams to develop feature development across many front-end projects

Detail-oriented

Continuously focused on how to improve my work and do it the best way I can

Collaborative

Always excited to share my knowledge, help, discuss, teach, and learn from others.

LANGUAGES

English
Spanish