

# PIERRE ANDRÉ LOWENSTEIN

## FULL STACK WEB DEVELOPER | UI/UX DESIGNER

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Solution-oriented professional with extensive experience in digital media, post-production, web development. Expertise includes full-stack software engineering, project management, digital delivery and post-production while overseeing business processes and communications. Possesses a successful track record of leading diverse teams and improving operational workflows while promoting a positive culture in fast-paced work environments.

### SKILLS

#### Core Competencies:

Full Stack Web Development, UI/UX Design, Content / Digital Assets Creation (Corporate Media), SEO.

#### Web Development Competencies:

Languages: HTML, CSS, JavaScript, jQuery, PHP, React, JSX (React/Redux).

Environments / Frameworks: Node, React, Redux, Express, SQL, MySQL/Sequelize, MongoDB/Mongoose, JSON, Postman, Webpack, RESTful APIs, Object-Oriented Programming (OOP), Object-Relational Mapping (ORM), Model-View-Controller (MVC), MERN/MEVN Solution Stack, Git, GitHub, CMS: Wordpress/GRAV, Google Analytics, YoastSEO.

#### Digital Assets Competencies:

Video: Avid Media Composer, Adobe Premiere / AfterEffects, Legacy Final Cut Pro 7, Color, Handbrake, MakeMKV.

Audio: Digital Performer, Avid Pro Tools, Dorico, Izotope RX, Mach Five, Output, Spectrasonics, Sample Libraries.

**Spoken Languages:** French (Native) | English (Fluent)

### PROJECTS

#### Michelson Medical Research Foundation | <https://michelsonmedical.org>

*Non-Profit Medical Foundation requires an interactive, SEO driven web site to display initiatives and interact with beneficiaries.*

- Project Manager / Coded / Designed front end / back end of site, authored look & feel based on customer's requirements.
  - Managed team of medical writers, graphic designers, social media managers, videographers throughout length of project.
- ~ Wordpress CMS, PHP, HTML/CSS, Yoast SEO, Photoshop, Illustrator, Final Cut Pro, Media Composer, Digital Performer.

#### Michelson Patents | <https://michelsonpatents.com>

*Inventor Extraordinaire Gary K. Michelson requires a dynamically maintained patents web site.*

- Oversaw / Created a database-centric website of all patents filed by Dr. Michelson (340 domestic, 1000+ international).
  - Created a component that maintains Dr. Michelson's patents directory in real-time based on USPTO's API.
- ~ Wordpress CMS, PHP, HTML/CSS, AJAX Get / Post Requests, Photoshop, Illustrator.

#### Insight RX | <http://sheltered-shelf-78967.herokuapp.com/>

*Health Care Start-Up needs an event creation / management tool built in React for its internal event capture service (HERO).*

- Front End Designer: Built a front-end User Interface (UI),
  - Component Creator: Date Component interacting with API events data retrieval via hook, props and state transfer (Redux).
- ~ JS, Node.js, React.js, Redux, Express.js, Redis cache, auth0, JSON, Axios, Trie, Lodash, Echarts, dotenv, Postman.

#### Honda Automobiles | <https://honda-zipcode.herokuapp.com/>

*Auto Company needs a pure vanilla JavaScript ZIP code locator for its web*

Created a server-side API component that would display Honda service centers within a zip code radius, recreated Honda's web site look & feel from scratch for component inclusion.

~ Asynchronous JS, async/await, fetch, JSON, HTTP GET and POST requests.

## PROFESSIONAL EXPERIENCE

**Sample Logic** — *UI/UX Consultant, Presets Author* — New York City, NY — 01/2021 – 04/2021

- Was handpicked by Sample Logic to assist on their first ever MIDI plug-in for Digital Audio Workstation (DAW).
- Contributed weekly engineering, UI/UX reports from Pre-Alpha stage to Release Candidate Stage.
- Created a series of Software Presets shipped with the production release (Gold Master).
- Approved Engineering, UI/UX notes which were then reformatted for live release manual inclusion.

**Insight RX** — *Front-End Web Developer, Component Coder* — San Francisco, CA — 05/2020 – 09/2020

- Built a front-end User Interface (UI) for the upcoming InsightRX event capture service (HERO).
- Created a Date Component interacting with API events data retrieval via hook, props and state transfer.
- The HERO Event Registration Application was authored in association with four fellow interns.
- Self-taught React to complete the project per the company's requirements.
- Contributed concept demonstration content to weekly / bi-weekly SCRUM, Sprint meetings.
- Worked directly with Insight RX's director of engineering and Insight RX's senior software engineer.

**Honda Automobiles** — *Front-End Web Developer, UI Designer* — Torrance, CA — 04/2020 — 05/2020

- Reverse-engineered Honda Automobiles' web site look and feel to incorporate a zip code component.
- Helped create a server-side API component that would display Honda service centers within a zip code radius.

**Karlin Asset Management** — *Front-End Web Developer, Senior Digital Producer* — Los Angeles, CA — 04/2014 – 04/2019

- Managed the media presence of a high net worth principal, three foundations; \$150K annual budget.
- Engineered customized CMS/SEO driven web sites, wrote, curated news articles, biographical, general content.
- Led coverage detailing philanthropic investments of MMRF. Maintained relationships with MMRF Beneficiaries such as: University of Southern California, Wharton School of Business, SABIN Vaccine Institute, University of Washington.
- Produced interviews / featurttes covering MMRF initiatives: USC Michelson Center for Convergent Bioscience, Michelson Prizes, Future of Vaccine Development Conference, SABIN Vaccine Institute, USC Leonard Davis School of Gerontology incl. well-known fasting specialist Valter Longo, lifespan visionary Mei-Lee Ney.
- Wrote informational sections devoted to the Medtronic vs. Karlin Technology trial (\$1.35B settlement) the America Invents Act signed by President Obama, Dr. Michelson's public image as an inventor, patent holder, and IP educator.
- Achieved 50% of Google's first page for Dr. Gary Michelson (5 out of 10 rankings).

**Calmwater Capital** — *Web Architect* — Los Angeles, CA — 02/2017 – 04/2019

- Delivered brand new web architecture to Co-Founder, Senior Portfolio Manager of Calmwater Capital Management.
- Restructured web management of existing site and optimized its SEO to increase user traffic and lead generation.

**Soundtrack Specialist Inc.** — *Senior Digital Producer* — Venice, CA — 09/2001 – Present

- Delivered scores for features, shorts, commercials; which aired on various international online platforms.
- Orchestrated major motion picture, X2: X-Men United - ending sequence "Dark Phoenix Reveal".
- Assisted film composers including CLIFF EIDELMAN (Star Trek VI, He's Just Not That Into You, Big Miracle).
- Documented the creative process behind the music of The Simpsons (video documentary).
- Credits include: Nighthawk, In Vitro, Bushido, Put It Away, The Last Drive, The Road, o/One, Black Berry (Ad).
- Interviewed European and Hollywood based film composers active in the film industry (SFX Magazine).
- Reviewed material provided to the publication by composers, soundtrack publishers for publication in SFX Magazine.

## EDUCATION

**Certificate** in Full Stack Web Development. *UCLA Extension.*

**Bachelor of Arts** in Film Scoring and minor in Orchestra Conducting. *Berklee College of Music.*

**Bachelor of Arts** in Jazz Studies and minor in Jazz Piano. *American School of Modern Music.*