

# Loren Heyns

Twenty years experience as a full stack developer, technical project manager and UX/UI designer creating websites with jQuery, Google Analytics, SQL and AWS cloud hosting. Developed embeddable map and data visualizations for Wordpress, Drupal and Wix sites.

## Georgia Department of Economic Development

*JavaScript Developer, Programmer Analyst, Project Lead – 2015 to Present*

Created Leaflet map directories for Georgia film locations, aerospace and B2B recycling. Expanded EPA Life Cycle Assessment (LCA) tools for local environmental impact modeling. Developed exporter directory with Salesforce backend. Mapped lodging availability and mobility patterns during hurricanes for Georgia Visitor Information Centers (VICs).

## DreamStudio Interactive

*Co-founder and CEO – 2000 to 2015*

Managed 30 accounts for our company focused on membership websites and event calendars. Created news and directory apps for state parks, travel destinations and new urban communities including the Seaside Institute and Glenwood Park. Created content management system for ten-state environmental education alliance, four Atlanta realtors, and eight neighborhood associations including Midtown, Grant Park, SAND and Westend. Developed event registration and donation system using Authorize.net and PayPal.

## CNN and Time Warner

*Web Technology Consultant – 2002 to 2005*

Created apps for managing CNN FuturesDesk satellite news feeds using DreamStudio content management system. Built scheduling tool for Time Warner's AtlantaCares volunteer calendar integrated with Hands On Atlanta project management tools.

## Georgia State Parks and Historic Sites

*Web App Developer, Database Admin and Site Hosting – 2003 to 2015*

Developed .NET content system to manage twelve websites for the state of Georgia. Designed calendar and news system for park events, golf courses and lodge sites. Provided account management tools for the state's campground host volunteer background checks. Created wireless ticketing for SamShortline excursion trains.

## Interactive Planet, Inc. – Southern Company

*Project Manager, Lead Software Engineer, UX/UI Designer – 1995 to 2000*

Developed news management system used by seven Southern Company affiliates to syndicate content across power company websites. As the first full-time employee at Interactive Planet, helped grow the company to 30 employees prior to forming DreamStudio to focus on content management systems, calendars and directories.

## Georgia Tech – Network Dynamics Lab

*Computational Science, Civil and Environmental Engineering – 2018 to 2019*

Georgia Institute of Technology Curriculum Vitae at [dreamstudio.com/research](https://dreamstudio.com/research)  
Developed AWS Aurora PostgreSQL database app for Georgia Tech Network Dynamics Lab to analyze mobility changes during hurricanes. Areas of study included multimodal transportation, construction apps, mixed reality apps for HoloLens, and machine learning for community trend forecasting using D3 charts for visual analytics and mapping.

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## Programming / Dev Tools

JavaScript, jQuery, Leaflet Maps, MS SQL, PostgreSQL, MySQL, C# .NET, IIS, React, Vue, Angular, WebStorm, VS Code, Sublime Text, CloudFlare, GitHub, CSS3, HTML5, JAM Stack, Google API, CartoDB

## UX/UI Design Tools

Adobe Creative Suite, Photoshop, Illustrator, InDesign, Premiere, Lit, Tailwind, Prisma, Figma, SketchUp

## Business Tools/Platforms

MS Office, AWS, Salesforce, Azure, Wordpress, Drupal, Cognito Forms, Google Cloud, D3 Data Visualizations, Google Analytics, Zapier, Tableau, GitHub Pages Static CDN Hosting, Wix, Squarespace, Jira, Trello

## Course Highlights

### Georgia Tech

Data and Visual Analytics, Network Dynamics Lab, Urban Planning, Smart Cities, BIM Construction Apps, Mobility Infrastructure

### Michigan State University

UX Design, Comm Tech Lab, MITN Satellite Distance Learning Network, Telecommunications

### UC Santa Barbara

Business Economics and Communication Studies, Financial Accounting, C++/Unix, Environmental Economics, Screenwriting, Photography