

WORK EXPERIENCE

Dinner Lab

New Orleans, LA (2015–2016)

Software engineer for pop-up dinner club. Built features for customer-facing web site using PHP and JavaScript. Maintained MySQL database containing 96,000 user accounts.

Mudbug Media

New Orleans, LA (2007–2015)

Application developer for digital design agency. Developed web applications using PHP, Ruby on Rails, and ASP.NET. Provided maintenance and support for existing applications. Worked directly with clients and offered customer support.

Chevron Oronite Oak Point Plant

Belle Chasse, LA (2006–2007)

Provided support and maintenance for production tracker software, which monitored inventory and activity throughout the chemical plant.

Naval Research Laboratory

Stennis Space Center, MS (2005–2006)

Collaborated with other programmers to develop an interactive 3-D mapping application in C++ using satellite images and topographic data. Used PHP to develop an online interface for browsing oceanographic data and photographs.

Louisiana Center for Educational Technology

Baton Rouge, LA (2004–2006)

Student worker for the Louisiana Virtual School. Maintained and frequently updated a web site using PHP and XML. Managed a SQL database tracking more than 2,000 user accounts.

Entergy Corporation

New Orleans, LA (2003)

Internship in the Technology Delivery department. Designed a database to maintain information about computer inventory, implemented with SQL Server. Created a web-based front-end using ASP.

PROFESSIONAL SKILLS

- Ruby on Rails
- PHP
- JavaScript
- jQuery
- SQL
- ASP.NET
- C#
- Java
- C++
- Revision control tools
- MVC frameworks
- Linux terminal

EDUCATION

Louisiana State University

Master of Science in Systems Science (2011)

- Board of Regents Graduate Fellowship

Loyola University New Orleans

Bachelor of Science in Computer Science (2003)

- University Honors Program
- Dean's Scholarship for Academic Excellence
- Dean's List six semesters

NOTABLE PROJECTS

Member Registration

Dinner Lab

Registration system for free and premium member accounts. Processed credit card payments via Stripe. Tracked signup codes for credits and gift memberships. Developed in PHP and JavaScript.

Chef Menu Submission

Dinner Lab

System for chefs to submit and edit menus and receive feedback. Developed in PHP and JavaScript.

Specialty Instruments

Client: Stryker Orthopaedics

Tool allowing surgeons to order custom-built medical instruments for their practices. Developed in PHP.

Fast Facts

Client: Gardner Denver, Inc.

Tool comparing Gardner Denver's products to those of their competitors; results exported to PDF. Developed in Ruby on Rails.

Shape Match

Client: Stryker Orthopaedics

Tool allowing surgeons to design and order custom medical implants. Developed in ASP.NET.