

## WORK EXPERIENCE

### 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)*

Summer 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.

## NOTABLE PROJECTS

### 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.

## PROFESSIONAL SKILLS

- Ruby on Rails
- PHP
- JavaScript
- 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