L a u r i e R o y

software developer

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TOOLS:

Programming/Development: C#, python, HTML/CSS, JavaScript

Databases: MS SQL Server, MySQL, PostgreSQL, SQLite3, MongoDB

Operating Systems: Windows, OS X, Linux and Unix

Frameworks: ASP.NET Web Forms, ASP.NET MVC, Entity, Django, Express, Bootstrap

Version Control: Git, GitHub **Management:** Agile / Scrum

IDEs: MS Visual Studio, Atom, IDLE, Cloud9

Back-end developer with front-end experience seeks engaging work that allows for job progression in a collaborative environment. Recent focus has been on learning c#, node.js, react and redux.

PORTFOLIO PROJECTS:

Papa Bob's Pizza: Used ASP.NET to build a website that allows customer to order pizza, store order in database, and display order to workers making the pizza. Separated concerns into layers.

File Mover: Developed a python TKinter program to transfer files. User selects file type, file age, source and destination directories. File transfer times are stored in a SQLite3 database.

Library DB: Created a mock library relational database with stored procedures in SQL server.

EXPERIENCE:

Prosper IT Consulting   Full-Stack Developer Intern (2 weeks)
2017
- Using the agile development method, joined the team implementing site's podcast page and updating pre-existing blog pages in Visual Studio using ASP.NET MVC, Razor, CSS, html.
- Resolved stories on Podcast page by adjusting formatting: responsive grid layout, navbar and media.
- Fixed the podcast view's logic flow to display a video or audio & static image beside the description.

National Oceanic and Atmospheric Administration (NOAA)   Survey Technician   2010 - 2018
- Responsible for data acquisition, QA/QC, daily backup and archival to National Depositories.
- Formatted and organized data, maintained and troubleshot hardware and software issues.
- Ensured customer hardware interfaced with ship hardware on a monthly basis.
- Collaborated with five other teams for successful expedition. Mentored junior technicians.

Humboldt State University (HSU)

HSU Research Technician   **2007 - 2009**
Participated in 6 PaCOOS NORCAL cruises as scientific technician. Wrote ADCP usage protocols.

HF radar technician, Coastal Ocean Currents Monitoring Program   **2007 - 2008**
Remotely monitored daily operations, performed routine maintenance, troubleshooting, and data archiving; Maintained automated web server links and scripts; QA/QC data. Purchased equipment.

University of South Florida   Graduate Research Technician   **2006 - 2007**
Used MATLAB to process moored CT and ADCP data. Assisted in deployment and recovery of coastal moorings and ADCPs.

University of Miami   Marine Technician, water chemistry   **2003 - 2005**
Provided quality control of ship's scientific acquisition equipment and data; Liaison between crew and science party. Maintained ship's network, MS Server 2003

US Air Force, E-4, Cryptologic linguist (Arabic)| Computer Systems Administrator   1993 - 1998
Prepared software and hardware for daily missions, tailored files to individual preferences, archived and converted data, tracked media worldwide. Participated in converting system and media to UNIX.

EDUCATION AND TRAINING:

The Tech Academy, Portland, OR	Software Developer Certificate, Coding Bootcamp	2017 – 2018
University of South Florida, St. Petersburg, FL	Graduate work towards M.S. Marine Studies (Physical Oceanography)	2005 – 2007
Humboldt State University, Arcata, CA	B.S., Oceanography, Chemistry minor	1998 – 2002