


# Laurie Roy

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, stores 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 troubleshoot 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