Jennifer Moeller

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# Address

Citrus Heights
95621

# Strengths

Analytical and Problem Solving Skills ▪ Creativity ▪ Communication ▪ Collaboration ▪ Flexible/Adaptable

# Work experience

## California Department of Tax and Fee Administration ▪ Sacramento ▪ US

### Information Technology Associate / Student Assistant

09/2014 – present

· Create solutions to business objectives for department clients

· Assess website accessibility and code changes utilizing HTML, jQuery, and ARIA for static web pages, forms, and third-party includes, such as maps, YouTube videos, and communication interfaces

· Interact with APIs using jQuery and Postman

· Utilizing SiteImprove, aided in making government website accessible to WCAG 2.1 standards to meet legal mandate

· Create and maintain documentation for software and procedures used by web team

· Provide training for both content coordinators and new web services team members

· Converted ColdFusion website into Windows format, substituting all web page functions with ASP and jQuery

· Created the backend to a quiz in C# on the BOE website that took the answers from the form, graded them, and sent the resulting correct / incorrect answers and percentage to the appropriate email address in C#.

· Created a quiz on intranet in C# that will take answers from a web form and add them to a database, including a browser-based interface that allows only the Web Services unit to interact with entries

· Promoted from Student Assistant to Information Technology Associate on December 15, 2015

## Grasshopper / TrollGazer ▪ Fair Oaks ▪ US

### Web Developer

04/2014 – 05/2017

· Created multiple websites that featured video upload and viewing for

 startup company, Grasshopper, utilizing PhP, jQuery, MySQL, Bootstrap, and Photoshop

· Coded a website and mobile app that allowed users to log in, create and view user profiles

· Setup a MySQL server and helped setup IIS servers

· Researched and analyzed the IT needs of the company as needed in a very dynamic environment

## Healthy Choices Helpline ▪ Sacramento ▪ US

### Webmaster

05/2014 – 08/2014

· Analyzed WordPress site for functionality, aesthetics, as well as content owner and customer needs

· Modified appointment booking pages to make functional as well as setting up mailing list functionality to the existing website.

· Performed general updating as well as making site compliant to Google SEO and advertising standards were also required

· Setup site to allow client to easily update blog in the future

## Ancient Cauldron ▪ El Dorado Hills ▪ US

### Webmaster, Volunteer

08/2000 – 08/2011

· Reboot website, starting with five basic pages and progressively advanced to over fifty, including event information and calendar of events, information about the group, as well as graphics.

· Created special event sites, including separate pages for the private services of the organization owner, various informational sites for projects, and pages for charity groups supported by the organization.

## University of California, Santa Cruz ▪ Santa Cruz ▪ US

### Undergraduate Research Assistant

08/2007 – 06/2009

· Under the supervision of professor and graduate students, created a catalog of varying types of data from multiple external data sources, and reformatted data for analysis.

· Independently created analysis-driven plots using Unix, C, and IDL

· Documented work including tracking information sources, methodology, and communications.

· Notable Project: Tasked with displaying the cleanest possible version of spectroscopic data from over 4,000 stars, taken during 8 different observations. Used data in the form of NASA fits files, which contained varied types of information, including information about each star as well as the actual spectroscopic data itself. Grouped stars by observation, then used the common data to subtract the background noise from the data, then use the subtracted data to find the points of interested for each star. From adjusted data, created series of plots to make data scientifically useful.

# Skills

## Web

HTML ■■■■□

CSS ■■■■□

jQuery ■■■■□

## Coding

PhP ■■■□□

C/C++ ■■□□□

ASP.NET/C# ■■□□□

Java ■□□□□

## Accessibility

WCAG 2.1 ■■■■□

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## SQL Server

MySQL ■■□□□

MS SQL ■■□□□

## GIS

ArcGIS Online ■□□□□

# Education

## University of California, Santa Cruz (not completed) ▪ Santa Cruz ▪ US

### Physics, concentration in Astronomy

06/2007 – 06/2010

## Folsom Lake College ▪ Folsom ▪ US

### AS in Physics, Math

06/2003 – 06/2006

# Awards

## 2019 CDTFA Superior Accomplishment Award ▪ California Department of Tax and Fee Administration

12/2019

Awarded to Web Services Unit (personal contribution in HTML, CSS, jQuery)