

# Jennifer Moeller

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## Strengths

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Analytical and Problem Solving Skills Creativity

Communication Collaboration Flexible/Adaptable

## Work experience

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📅 09/2014 – PRESENT 📍 SACRAMENTO, US  
**Information Technology Associate / Student Assistant**

**California Department of Tax and Fee Administration**

- **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

📅 04/2014 – 05/2017 📍 FAIR OAKS, US

**Web Developer Grasshopper / TrollGazer**

- **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

## Work experience

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- **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

📅 05/2014 – 08/2014 📍 SACRAMENTO, US

**Webmaster Healthy Choices Helpline**

- **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

📅 08/2000 – 08/2011 📍 EL DORADO HILLS, US

**Webmaster, Volunteer Ancient Cauldron**

- 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.

📅 08/2007 – 06/2009 📍 SANTA CRUZ, US

**Undergraduate Research Assistant University of California, Santa Cruz**

- 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
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## Work experience

interested for each star. From adjusted data, created series of plots to make data scientifically useful.

## Skills

### WEB



### CODING



### ACCESSIBILITY



### SQL SERVER



### GIS



## Education

06/2007 – 06/2010 SANTA CRUZ, US

**Physics, concentration in Astronomy**  
**University of California, Santa Cruz (not completed)**

06/2003 – 06/2006 FOLSOM, US

**AS in Physics, Math**  
**Folsom Lake College**

## Awards

2020

**Accessibility**  
**CDTFA**