

Jill Williams

Seeking employment as a
Jr. Web Developer

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Career Skills

In September of 2018, I changed careers and attended the Montana Code School's Full-Stack Jr. Web Developer Program in Missoula, MT. Prior to attending the Code school, I was a high school math teacher for 16 years. I mainly taught Algebra 1 through Pre-Calculus. During that time, I held many leadership positions within my school and community. The position I am most proud of is when I was the Coordinator of a Career and Technical Education Academy at my school where we prepared students for careers in healthcare or environmental health careers. the Academy Leaders and students worked closely with the Salton Sea Authorities (near Rancho Mirage/Palm Springs, CA) to help them develop a plan to deal with very toxic algae blooms that Southern California is experiencing at a detriment to its environmental health.

After the end of the Code School in Dec. 2018, I have coded and published 5 websites that can be viewed online and my personal account is: jillwilliams.github.io

www.riverotterguides.com

www.dofoil.com

www.bonedrytaphouse.com

www.developersafepotos.com

www.dwilliamsinsurance.com (in process of being completed)

I am currently freelancing as a web-developer in order to further develop the skills that I learned in code school. My short-term goal are to advance in my skills and the coding-levels that I am at by working with a team of skilled colleagues as mentors to assist me in fully-realizing my potential as a web developer. Sometimes I feel like I want to code a certain type of website, using my skills, but I want to also learn a lot more from those more experienced than me.

I have devoted more than 4,200 hours since July 2018 learning and writing original code using JavaScript, HTML5 and CSS3, and other languages. At this time I am currently focused on creating a website that I have created written original code, which as a newbie coder I feel very proud of. I feel CSS is my favorite part, but JavaScript is beautiful in its own way as well.

My site will utilize both math technology and student interactions, to help students teach themselves how to do math, with limited-access to assistance from teachers due to the shortage.

My long-term end-goal is to market my program to smaller schools to start, then advance the curriculum to a state level.

In coding,

- I have strong experience using:

HTML5

JavaScript/ES6

CSS3

Visual Studio Code

React (300 hours)

GitHub

Agile Methodologies

DNS

- I have experience using:

jQuery

Node.js

MongoDB

Unity

Sockets.io

Material UI

Heroku

RESTful API's

Prior to recently becoming a freelance web-developer, I was a high school math teacher for 16 years. I taught for the Palm Springs Unified School District in southern CA for ten of those years.

During that time, I was asked to lead our school's *California Partnership Academy*, a Career and Technical Education program for students to begin learning about their specific career interest while in high school. I had zero knowledge regarding the position, but trusted that my Principal wouldn't have asked me to do it unless he felt completely confident I was the best teacher for the job. So I accepted. Unbeknownst to me, I was embarking on one of the most wonderful career-rewarding experiences of my life. I loved impacting so many academy students' lives in the only the way we could in our Academy, called the HEAL Academy; which focused on preparing students for careers in either healthcare or environmental health careers.

As the Coordinator of the Academy, I had an incredible amount of education and business-related responsibilities.

I believe my experience working with professionals in the community, and in the experience I have in data collection, and working as a teacher for 16 years, I have extensive experience working in mathematics, accounting, and data collection and reporting.

I hold valid teaching certificates in California, Washington, and Oregon.

I love collecting data and it resulted in my leadership abilities working with data collection for our academy, for our WASC Accreditation Review, for the school district, and for the State of CA Department of Education.

The experience I have in data collection and reporting include:

- Writing Grant Reports for the California State Dept. of Education
- Managing all academy expenditures in accordance with state law and the lawful use of grant funds
- Paying attention to the fine details of our grant, and my ability to collect data and to write well, resulted in being hired to write the Grant Reports to the State for our school's other Academy, the Digital Arts and Technology Academy (DATA Academy)
- Generating data requests from our school's data reporting system and reporting on baseline data for all HEAL Academy students; approximately 270 students in grades 9th - 12th
- Data collected was disaggregated and I made my interpretations of the results. I wrote reports of my findings for the Principal, School Board, Industry Stakeholders and/or for our End-of-the-Year Grant Reports for the State Department of Education. Data collected included:
 - **Letter grades and GPA'S** earned by academy and non-academy students (2,700 students in our school in total; of those, 270 students are in the Academy)
 - **Purpose:** Effectively evaluate and prove the success of the Academy in increasing student performance in their core classes
 - **High School Exit Exam Pass Rates:**
 - **Purpose:** Prove our students were more engaged in their education due to working towards their career pathway during high school rather than waiting until college to begin their coursework
 - **Daily Attendance Percentages:**
 - **Purpose:** Daily student attendance data was used in reporting to District Administrators proving that increases in the academy students' attendance rates on internship (and job shadow days) vs. non-internship days earned the School District \$800 more per day
 - **Graduation Rates:**

- **Purpose:** Proved that graduation rates were higher for Academy students compared to the general school population; even though State Law required that 80% of the Academy students selected must be at-risk to not graduate and/or statistically proven to be low-performing in their studies* and/or credit deficient (*as defined by CA State laws regarding grant funding expenditures)
- **Discipline Data:**
 - **Purpose:** Proved a decrease in referrals and In-School-Suspension for Academy students before and after joining the Academy
- **State Standardized Test Performance:**
 - **Purpose:** Proved that Academy students performed better on State Testing than the school's general population
- **Student Surveys:**
 - **Purpose:** To improve Academy courses, best practices, and to make changes for the next school-year based upon student input
 - Designing, creating, and administering student surveys regarding the program.
 - Disaggregating the data, creating reports for the academy's teachers and the Principals of the school

Other Coordinator responsibilities included:

- Coordinating travel arrangements for staff for conferences, meetings, and professional development events.
- Assisting the HEAL Academy counselor in coordinating yearly college field trips to UC Irvine, UC Davis, Cal-State Fullerton, and UC San Diego, and College of the Desert in Palm Desert, CA.
- The Academy's Leadership Team regularly met with hospital Administrators to coordinate Internships for our seniors.
- Other skills I learned as the coordinator of the academy are:
 - How to successfully implement HEAL Meetings: Creating a meeting calendar for teachers, collecting teacher input for Agenda items, creating the Agenda, holding teachers accountable for attendance at team meetings and keeping to agenda items, and writing official meeting minutes for the CA State Dept. of Education
 - Holding voluntary teacher Prep-Period Meetings (once a week): 17 teachers
 - HEAL Leadership Team meetings (once a month): 7 teachers
 - Collaboration with community members that offered us guidance for our academy programs based upon the needs of the local Healthcare Industry.
 - Attending monthly Healthcare Advisory Council meetings via the Coachella Valley Economic Partnership to collaborate with a variety of industry stakeholders
 - Learning all laws and accounting regulations related to legal expenditure of Grant Funding from the CA State Dept of Education, and grants from our local hospitals
 - Filling out all purchase requisitions for events or conferences for students and teachers in the Academy, ordering classroom supplies and materials, as well as any other necessary purchases
 - Reconciliation of all purchase requisitions using the school District's Accounting Program Galaxy. Each Grant Report mandated line-item expenditures to list every item purchased individually. I was the only teacher in the District granted access to the program due to the confidential nature and the ability to access financial data for the entire District and because I was writing the Grant Reports for both our school's Academies.
- **Recent news article about the HEAL Academy:** "CCHS Health Academy Wins State Honor"
<https://www.desertsun.com/story/news/education/2016/03/10/insider-cchs-health-academy-wins-state-honor/81591224/>

Cal-Pass Committee Co-Coordinator

I served as the Co-Coordinator of the Cal-PASS/IEBC (Institute for Evidence-Based Change) Professional Learning Council during 2010, 2011, and the 2012 school years.

I was paid \$800 each year to write the meeting minutes for our 8 monthly meetings. The minutes were provided to the Institute's Leaders to document our council's achievements in data collection and reporting.

The Cal-PASS Healthcare PLC is a group consisting of stakeholders from the Coachella Valley Economic Partnership, local community colleges, Healthcare Academy Coordinators, and local ROP Teachers. We met monthly as a council and were focused on collecting data (for which was my responsibility) from our three local school districts regarding student performance measures.

Each school district's IT Personnel supplied us with the data we requested that we wanted to further examine to identify data trends. We successfully used data collected to prove the success and the positive impact the five local Academies were having in our students' lives.

Our council was a pilot for the state and we achieved groundbreaking success and as a result, spearheaded many local changes and improvements.

We successfully articulated an *Introduction to Medical Careers* and *Introduction to Medical Dosage Calculations* with our local community college for our Academy students. Both courses are being taught on the Cathedral City High School Campus. Our school had been trying to get the local college to articulate courses for over 6 years with no success. Our council was the first group of professionals in the Coachella Valley to be able to successfully articulate a course by bringing together all the necessary stakeholders to make it happen. Students receive college-credit for the course. I became an adjunct professor for the college and wrote the curriculum and designed the teaching resources for the *Medical Dosages and Calculations* course and taught it on our high school campus.

District/Federal-Level Data Reporting: Perkins Report for the Palm Springs Unified School District (2009, 2010, 2011)

I was hired by the Palm Springs School District's *Director of State and Federal Programs*, Diana Lomar, to complete the Perkins E1 Report for the school district.

I was hired for three years to complete the report, which entailed collecting a great deal of data regarding the performance of District students that are enrolled in CTE/ROP courses. Excel and Excel Pivot Tables were the main technologies used. Each report took in excess of approximately 40 hours.

Experience in Business Management (12 years)

I have experience in restaurant management as a store manager, assistant manager, and shift leader. This, in addition to my Academy Coordinator position, has provided me with over 12 years managing employees and fellow colleagues.

Microsoft Word (16 years)

I have created countless documents, reports, data reports, math graphics of any kind, worksheets, and curriculum. I created our academy's Graduation Announcements and Awards Night Graduation Banquet Program brochure for parents and family. I designed our Academy's scrubs design, polo shirts, graduation stoles, and parent mailings.

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Excel (20 years)

Related to data collection, identifying data trends, creating graphs, pivot tables, and spreadsheet creation and manipulation. I analyzed all data collection reports and communicated them to superiors regarding trends identified. I made recommendations or thoughts on why the trends are occurring; economic, school-culture changes, etc. and my ideas to take trends that are negative and turn them into positive-growth data-trends. I also taught Excel to my math students in order to utilize it in the Algebra 1 courses.

I am experienced and possess a professional demeanor when meeting and collaborating with business members of my community

Including meetings with: Directors of State and Federal Programs at the Dept. of Education in California, attending City Council Meetings, attending the Coachella Valley Economic Development Agency's Healthcare Advisory Council, meeting with Healthcare Academy Coordinators across the state, becoming an adjunct professor and working with Community College Professors to communicate, coordinate, and design/develop curriculum.

I have 4 years experience working with School District-Level budgeting programs (ex. Galaxy)

Writing budgets to the State Dept. of Education and the school district that align with the awarding of Grant Funding. I am experienced reconciling the budget at the end of the Grant cycles to account for 100% of spent funds and I learned all the laws regarding the appropriate expenditure of Grant funds.

I was the leader of the Assessment and Accountability Focus Group for our school's WASC Accreditation Review

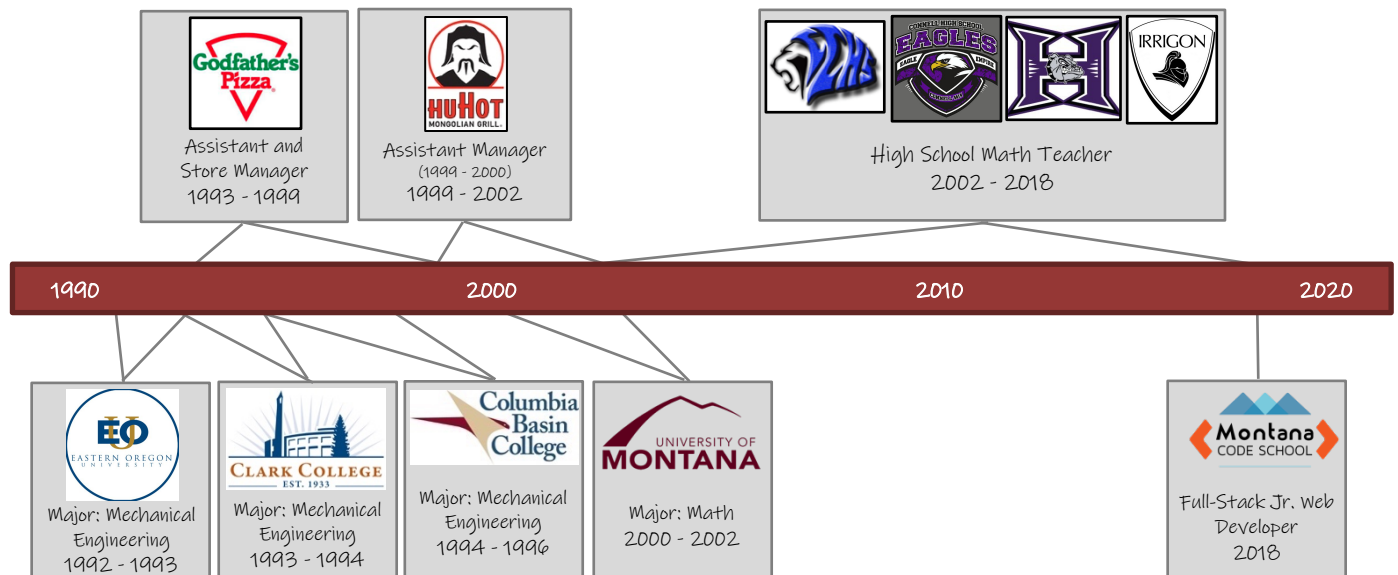
During the 2005 - 2006 school year, I collected and reported on many different aspects of our school. In the end, we had gathered 3-4 binders of data collected and corresponding results. We were able to use this data as our school shifted to a successful "Data-Driven Decision Making" school and district.

Education Honors and Achievements

- CCHS Teacher of the Year (2010-2011)
- CCHS Top Ten Educator of the Year (2005-2006 and 2009-2010)
- Nominated by the Cathedral City Chamber of Commerce as Teacher of the Year (2006-2007)
- Palm Springs Unified School District Certificated Employee of the Month (October 2006)
- I was awarded my Bachelor's Degree in Math from the University of Montana (Missoula, MT) in May 2002, a month prior to my Bachelor's Degree coursework being completed.

When I was student teaching for Deanna Mooney at Big Sky High School, in Missoula, Montana, she was going to be gone for two weeks on a student field trip. Rather than hire a sub for two weeks, Mrs. Mooney and the Principal vouched to the U of M regarding my student-teaching performance, and the U of M awarded me my Degree so that I could be hired as the substitute teacher to teach her classes while she was gone. I was told by the Director of the Education Dept. at the U of M that they have never awarded a student their degree a month prior to their courses being completed. It definitely made me feel grateful that my first teaching-experience was with a great group of people at the high school and at the college.

While at the U of M, I was awarded a scholarship to tutor Applied Calculus students who were struggling.



Colleges Attended

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| ■ Eastern Oregon State, LaGrande, OR | Major: Accounting | 1992 - 1993 |
| ■ Clark College, Vancouver, WA | Major: Mechanical Engineering | 1993 - 1993 |
| ■ Columbia Basin Community College, Pasco, WA | Major: Mechanical Engineering | 1993-1996 |
| ■ University of Montana, Missoula, MT | Major: Mathematics | 2000 - 2002 |

High Schools I've taught at:

- | | | |
|------------------------------|--------------------|-------------|
| ■ Cathedral City High School | Cathedral City, CA | 2002 - 2012 |
| ■ Connell High School | Connell, WA | 2012 - 2014 |
| ■ Hermiston High School | Hermiston, OR | 2014 - 2016 |
| ■ Irrigon Jr/Sr High School | Irrigon, OR | 2016 - 2018 |