

Jessica Claire

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Links

- <https://www.linkedin.com/in/JessicaClaire/>
- <https://github.com/r3Claire>
- <https://JessicaClaire.com/>

Professional Summary

A committed and ambitious learner, passionate about helping people through software development. Skilled problem solver with experience in a variety of software development technologies. Skilled data scientist capable of problem solving using various data cleaning, data analyzing, and data visualization methods. Strong understanding of core programming concepts and familiarity with a wide-range of languages and concepts. Driven software developer and data scientist dedicated to continual skillset improvement. Responsible, supportive, and sociable team player dedicated to quality and efficiency.

Technical Skills

- **Programming/Development:** Python, C#, R, HTML, CSS, Javascript, SQL
- **Frameworks:** Anaconda, Django, .NET Framework, MVC, Bootstrap, React
- **Operating Systems:** Windows 10, OS X
- **IDE:** Visual Studio Code, Visual Studio, Jupyter Notebook, Rstudio, PyCharm
- **Version Control:** GitHub, Azure DevOps, Git
- **Methodology:** Agile, Scrum
- **Databases:** MySQL, SQL Server
- **Business Domains:** Physical Health Care, Science Laboratory

Programming Experience

- 11/2020 to 02/2021

Python

Prosper IT Consulting – City, STATE

 - Worked with a team of developers creating a website that contained various hobby applications. Utilized the Django Framework to connect to the hub website using URLs and admin login. Created models and forms that allowed for a Create-A-Player application for an NFL team. Later updated to update the database with additions, edits and deletions of players. Link: https://github.com/r3Claire/Python_Live_Project
 - Developed a checkbook application utilizing django framework. Functionality included creating account, edit/remove/add transactions, view account details and history, all saved in sqlite3 database.
 - Created an application in Python and Tkinter that allowed users to update a simple phone book of contacts. Functionality included adding, editing, and deleting records.
 - Created an application in Python, using Python Tools for Visual Studio, that copied all files at a given path that had been created or modified in the past 24 hours to a remote location. Later modified program to include a GUI that allowed users to select source and destination locations and to copy all files created or modified since last copy activity.
- 11/2020 to 02/2021

C#

Prosper IT Consulting – City, STATE

 - Member of team of developers creating a website for Theatre Vertigo in Portland, USA. We utilized the .NET Framework with MVC to create a functioning website for customers to view current shows/events and cast members. We created a various levels of logins (Admin, Cast Member, Customer) and provided different levels of functionality for each. Link: https://github.com/r3Claire/CSharp_Live_Project
 - Developed a car insurance software utilizing the .NET Framework in C#. The software is set up with pricing values for different criteria set up by the potential car insurance company. The software then asks the user questions about the person and driving history. A quote is given for the total price for that unique user.
 - Created a terminal blackjack program using namespaces and classes. The user can face off against the program in a game of 21. Later updated to keep track of players pot and bets.
- 11/2020 to 02/2021

Python Data Science

Prosper IT Consulting – City, STATE

 - Using Python and Jupyter Notebook I utilized the CSV from the Google Play Store to solve questions from potential app developer clients. Potential requests were submitted on how one variable affect another. I cleaned, manipulated, and analyzed the data based of the users requests. I presented data visualization and submitted reports on my findings using the python libraries: Pandas, Numpy, Seaborn, Matplotlib and scipy stats. Link: <https://github.com/r3Claire/DataScience-Live-Project/tree/main/GooglePlayStore>

Education

- 02/2021

Bootcamp: Computer Programming And Data Science

Tech Academy - Salt Lake City

The Tech Academy is an immersive Full Stack Software Developer boot camp with more than 1000 hours of instruction and hands-on coding. Predominantly the program is based on C# and Python, along with the fundamentals of Computer Science, Django, .NET Framework, MVC, HTML, CSS, JavaScript, PHP, and T-SQL/SQL, Agile / SCRUM and web application development. Completed numerous practical projects including MVC, LINQ to SQL, EF, JavaScript and Python.

Also completed the Tech Academy Data Science boot camp which focuses on Python and R. This boot camp covers the fundamentals of data science. Data science embraces a wide range of scientific methods, systems and processes to extract knowledge and insights from data. Data science includes such topics as: Data cleaning, data analyzing, data visualization, statistical analysis, artificial intelligence, machine learning as well as utilized the various libraries involved such as: Pandas, Numpy, Seaborn, Jupyter Notebook, Rstudio.
- 12/2019

Bachelor of Science: Biology

Utah Valley University - Orem, UT

Other Notables

- Eagle Scout - Children’s Hospital Blankets
- Served Mission - Rome, Italy