

Arielle Clapp

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EDUCATION

Southern Oregon University
Bachelor of Science in Computer Science

Ashland, OR
Sep. 2021 – June 2023

Rogue Community College
Associate's in Computer Science OT

Grants Pass, OR
Sep. 2017 – June 2021

EXPERIENCE

Contract Software Developer
Jackson County

Jan 2023 – June 2023
Medford, OR

- Developed a C# data access system using Dapper and SQL Server to combine data from multiple storage locations
- Developed a full-stack 'Staff Directory' web application using .NET, Blazor, asynchronous C#, Bootstrap CSS, and SQL Server to store and display employee information in a single, user-friendly interface
- Defined requirements and project scope through regular client communication
- Explored UI/UX design patterns for applications used by the general public

Game Developer
WeThePixies

May 2022 – Present
Remote, PST

- Collaborated with a fully-remote staff of 5-10 developers through bi-weekly meetings and code pairing sessions
- Developed a scrolling inventory UI by combining and debugging multiple Phaser 3 components, integrated it into several places in the game, and provided support to other developers using it for their tasks
- Used VUE, Dragonbones, and Javascript to add a new multiplayer scene animation
- Contributed 20K+ lines of code to an established codebase via Git

PROJECTS

Shasta Networks Hackathon | *Python, BeautifulSoup, Requests, Pandas, Pytrends*

March 2022

- Won 1st place by developing a sassy faux-AI daily news application in less than 6 hours
- Used web scraping tools like BeautifulSoup and open-source Heroku APIs to populate text-based AI responses with current news, music, and search trends
- Developed a Python dictionary access system to store and choose alternate responses
- In June 2022, published a MVC version of the app with a tkinter messaging GUI and expanded response set

Portfolio Website | *React, Node.js, Javascript, TypeScript, Tailwind CSS*

May 2023 – Present

- Currently developing a personal portfolio website capable of live project demos, with a responsive design
- Application uses React and Tailwind CSS for the front-end design, and Node.js for back-end data storage
- Implemented a single-column multi-block scrolling layout for the main page, a photo and video carousel for each project, and embedded demo support for Phaser 3 projects through CodePen
- Estimated project completion by October 2023

TECHNICAL SKILLS

Languages: Java, Python, C/C++, C#, SQL, JavaScript, HTML/CSS

Frameworks: React, Node.js, Typescript, VUE, Phaser, Blazor, Dapper, Dotnet, WordPress

Developer Tools: Git, Docker, WSL, Google Cloud Platform, VS Code, Visual Studio, PyCharm, Eclipse

Libraries: BeautifulSoup, Pandas, NumPy, Matplotlib, Bootstrap, Tailwind