

Chris Felt

Software Engineer



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<https://github.com/christopherfelt>

Highlights of Qualifications

- Highly motivated software engineer with experience developing full stack web applications
 - **C#, .NET, JS, Vue.js, Express.js, Node.js, Python, Django, MySQL, MongoDB, Bootstrap, HTML, CSS**
- Experienced professional that has worked independently and as part of a team performing data analysis
- Over four years of data analysis experience primarily working with medical benefits and urbanization data
- Demonstrated ability to learn new material and technologies effectively and quickly

Experience

Software Engineering Student, CodeWorks

Apr 2020 - Jul 2020

- Developed several frontend projects using JavaScript and the Vue.js framework including Vuex and Routes
- Used C# and the .NET framework and the MVCS design pattern to build several API backends
- Built several APIs utilizing the MVCS design pattern, Express.js and Node.js
- Created dynamic webpage layouts using the Bootstrap CSS framework
- Collaborated on projects with other students and managed projects using the Scrum framework
- Partner programmed with other students to develop web application

Operations Analyst, AmeriBen

May 2018 - Dec 2019

- Developed reports to improve decision making and outcomes for clients regarding their employee medical benefits plan
- Built VBA scripts to streamline processes and improve the efficiency of the Analytics team
- Applied calculation checks and attention to detail to ensure accuracy of data and reports
- Provided effective reports by communicating with other departments to determine exact reporting needs for clients

GIS Analyst, TEKsystems

Sep 2017 - May 2018

- Analyzed data and maintained datasets for department wide projects for the Idaho Department of Lands
- Improved process efficiency by developing scripts in Python to automate data analysis tasks

- Effectively communicated with and supported researchers from various departments and universities
- Worked independently performing research, statistical analysis and providing narrative to research findings
- Analyzed spatial urbanization data that required advanced knowledge of R, Python, ArcGIS and other data analysis tools

Projects

HomeScholar <https://homescholar.herokuapp.com>

Assignment management application for homeschooling teachers offering scheduling and chat functionality

- **Specific Contributions:**
 - Used Trello and Figma to plan and design the application with three other software engineering students
 - Integrated FullCalendar.io technology with Vue for assignment and event scheduling
 - Utilized Socket.io technology to provide real time chat capabilities between users
 - Added dragging functionality allowing users to drag and drop assignments to automatically add to schedule
 - Developed algorithms to reformat web API data for use in the transcript component

KanbanKabana <https://homescholar.herokuapp.com>

Project management application that allows users to breakdown projects into boards, lists and tasks

- **Specific Contributions:**
 - Worked remotely with another student to plan, design, and develop the web application
 - Developed essential backend CRUD functionality using Express.js, Node.js and MongoDB
 - Built frontend components, routes and managed data using Vue and Vuex
 - Utilized Auth0 to handle user data and to allow users to add contributors to project boards

Education

Boise CodeWorks

Immersive Fullstack Program

July 2020

Boise State University

M.A. Political Science

May 2017

Boise State University

B.A. Economics

May 2015