

Jordan P. Kelly

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Education

MONTANA STATE UNIVERSITY
Bachelor of Computer Science

Bozeman, MT
December 2022

Skills & Interests

Technical: Fluency in Java, Python, C++; have experience in HTML, CSS, JavaScript, C, SQLite, SQL as well as some older languages like Fortran and LISP. Experience with Scrum, along with most of my programs being Test-Driven Development.

Interests: Free-time I like to be outdoors hunting, fishing, or hiking. I like reading about new developments coming out in the future of Computer Science, as well as futures for AI.

Projects

React Web App(React, PHP, JavaScript & HTML, <https://github.com/JordanK37/React.git>):

- Built a Web App using Bootstrap and React for a non-profit ski racing organization for multiple ski resorts.
- Transferred everything from paper into a DB and used DB to store completed forms that they needed.
- Made an aesthetic UI that was accessible from any device in use, and made it simple for first time users.

BattleShip(C++, <https://github.com/JordanK37/BattleBit1.git>):

- Created a BattleShip game that communicated over a server with bits instead of ships.
- Implemented interaction between two players through a server.
- Synchronized the application, along with a great User Interface.

CatScript(Java, <https://github.com/JordanK37/Catscript.git>):

- Built a small static programming language from scratch including a parser, tokenizer, and compiler.
- Gained experience with Test-Driven development with a partner.
- Worked with bytecode to gain a deeper understanding of how a language is compiled.

Chinook Database(Java, <https://github.com/JordanK37/Chinook.git>):

- Web-Application that used chinook db to pull information from a database depending on what was wanted.
- Grew in experience with SQL and Redis caches.
- Used CRUD operations to pull employee information.

Experience

Kelly Logging Inc.

Heavy-Equipment Operator

June 2017 – August 2021

- Developed quick, on the fly, decision making skills operating equipment on wildland fires every summer.
- Exemplified great work ethic when the job required 12-hour days often hours away from home.
- Assisted in laying out section boundaries to cut during fires, which meant knowing different operators' abilities, along with sticking to what the Forest Service wanted done.

Summit Utilities

July 2022 - April 2023

- Used maps and work orders to complete tickets for multiple contractors, locating various utility lines.
- Developed a workflow to optimize production daily.
- Cultivated relationships with contractors to streamline daily tickets.

Leadership & Activities

VCS Basketball

Missoula, MT

JV Coach

November 2020 – January 2021

- Grew in leadership, along with learning to inspire young people to have a passion for the sport of basketball.
- Developed the ability to guide and communicate what was expected from players on and off the court.
- Designated leaders who could handle the responsibility of exceptional actions required even when I was not present, groomed players to be ready for the varsity level.