**Taylor West**

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**EDUCATION**

**Brigham Young University Aug. 2019 – Dec. 2023**

*Bachelor’s Degree, Bioinformatics Provo, UT*

* Selected for the Phi Eta Sigma national honor society; 3.7/4.0 GPA
* Developed a full-stack android application in Java that connected a SQL backend server with a native Android frontend client utilizing custom Web API’s
* Used Javascript (Node.js, Express, Vue) to build dynamic web pages that interact with both SQL (SQLite) and NoSQL (MongoDB) databases
* Setup a web and database server on a remote virtual machine running Linux and used command line tools to manage it
* Built a personal website utilizing various Javascript libraries to showcase resume and portfolio

**WORK EXPERIENCE**

**BYU Dining Services Aug. 2022 – Present**

*System Developer Provo, UT*

* Employed Agile methodologies while working with a team of developers to design, build, debug, and deploy in-house applications used by hundreds of BYU faculty and students.
* Managed a system that processes tens of thousands of financial transactions per day

**Bailey Bioinformatic Lab (BYU) Jan. 2022 – Present**

*Research Assistant Provo, UT*

* Collaborated with the Hunstman Cancer Institute at UofU to develop a R-Shiny web app tool that generates and visualizes Polygenic Risk Scores from multi-omic oncological data.
  + Worked with a small team to create a custom R pipeline to perform matrix transformations on a broad range of inputted genomic data.
  + Developed predictive and data-driven tools that utilizes machine learning and linear algebra to analyze genomic and proteomic data from cancer organoids.

**Happy Valley Clinic May 2021 – Aug. 2022**

*Lead Medical Technician Provo, UT*

* Initially hired as a medical technician, I was promoted to Lead Technician over a team of 4-6 employees after only a few months, and my roles continued to expand rapidly from there.
  + Demonstrated excellent interpersonal skills in an unusual and
* Maintain the company-wide web page and employee profiles
* Operate as a technological consultant and office manager
* Advise on marketing decisions

**SKILLS**

Java, C++, Python Javascript, Node.js, Vue, Express, mySQL, SQLite, NoSQL databases, relational databases, MongoDB, building custom web API’s, full stack Android development, full stack web development, Bootstrap, bash, remote virtual server management (Linux), Brightspot CMS, Visual Studio Code IDE, IntelliJ IDE, Android Studio, Github, Git, collaborative coding, Object Oriented Programming