Hayden Johnston

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EDUCATION

Oregon State University - *BS Computer Science*   Expected 2024
Portland State University - *BS Biochemistry, Minor: Physics*   Graduated 2020

WORK EXPERIENCE

JSOR Extracts   **Feb. 2022 – May 2022**
Lab Tech – White City, OR
- Performed ethanol extraction of 140 lbs. of plant material per day with Delta CUP-15 centrifuge, solvent evaporation with rotovaps, and decarboxylation to prepare products for distillation.
- Maintained lab space and equipment including centrifuge, rotovaps, decarb reactor, fluid pumps, vacuum pumps, distillation apparatus, and lab chillers.
- Cooperated with lab team to ensure OLCC compliance and proper chemical handling.

CBDaily   **Feb. 2021 – Feb. 2022**
Lab Tech – White City, OR
- Peformed hydrocarbon extraction of 160 lbs. of plant material per day using pressurized closed loop and solvent purge with vacuum ovens to prepare products for packaging.
- Conducted equipment maintenance for closed loop, vacuum ovens, vacuum pumps, fluid pumps, and lab chillers.
- Coordinated tasks with lab team to uphold OLCC compliance and proper chemical handling.

PROJECTS

Discord Bot – Python, SQLite, Discord.py, Docker   **Aug. 2023**
https://github.com/Hayden-Johnston/Discord-GPT-bot
- Connected through discord API to prompt bot actions with chat commands.
- Wrote functions to query Chat-GPT from client with chat memory in database for each user.

Historical Stock Analysis – Python, BeautifulSoup, Pandas, Plotly   **July 2023**
https://github.com/Hayden-Johnston/IBM-datascience
- Gathered stock price and revenue data with Yfinance and BeautifulSoup.
- Cleaned data with Pandas and displayed in interactive graph with Plotly.

Game Inventory – MongoDB, Express, React, Node.js   **July 2023**
https://github.com/Hayden-Johnston/MERN-inventory
- Developed MERN stack app to track game inventory with add, update, read, and delete capabilities.
- Built responsive and accessible front-end with React to display all entries and access database functions.

SKILLS & INTERESTS

- **Software:** Python (Flask, Scikit-learn, NumPy, Pandas), HTML/CSS, Node.js
- **Tools:** SQL, MongoDB, Docker, Git, Linux
- **Home lab:** Self-hosted services, dev environment, virtualization. Nextcloud, Code Server, Authelia.