JESSE CURRAN

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EDUCATION

OREGON STATE UNIVERSITY

B.S. in Computer Science, GPA: 3.81/4.0   Apr. 2022 - Mar. 2024

Relevant Coursework: Data Structures, Algorithms, Discrete Math, Databases, Operating Systems, Web Dev., Soft. Engr. 1&2.

UNIVERSITY OF WASHINGTON

B.A. in Business Admin. Accounting, GPA: 3.31/4.0   Sept. 2016 - Dec. 2020

TECHNICAL SKILLS & PROJECTS

Programming: Python, JavaScript, SQL, C, PowerShell, VBA.

Frontend: React.js, HTML5, CSS3, Matplotlib, Seaborn, Power BI.

Backend: Node.js w/ Express, Flask, MongoDB.

Design & Development: Figma, GitHub Projects, Asana, Agile, TDD, Git, CI/CD.

Finance Analysis: Pandas, Oracle ERS, Snowflake, Power Automate, Office Scripts, Advanced Excel.

LLM Golf Caddie AI Assistant (2024)
- An intuitive web application to be used on the golf course. Uses personalized stats and input for smart golf advice.
- **Frontend:** React.js. **Backend:** Node.js w/ Express, OpenAI API. **Databases:** MongoDB.

Time Series Forecast (2024 – Current)
- In-progress group project with executive buy-in to forecast financials leveraging hospital volumes.
- **ML Models:** Prophet, SARIMA. **Backend:** Python w/ libraries. **Databases:** Snowflake CDW, csv's.

Web Mapping Tool – Partnership w/ LEVRUM Technologies (2024)
- Worked closely with firm to build frontend web editor for EMS data visualization. On team of four. Signed NDA.
- **Frontend:** React.js. **Backend:** C#, .NET. **Databases:** MS SQL Server.

Finance Automation (2023 – Current)
- Large variety of finance programming projects that supported 500+ internal users.
- **Tools:** Python, PowerShell, Snowflake, SQL, Pandas, Office Scripts, Power Automate, Task Scheduler.

RELEVANT EXPERIENCE

PROVIDENCE

Senior Financial Analyst   Jul. 2023 – Current
- **Consulted SME guidance** for financial operations and budgeting software, becoming a key system partner for hospital and regional leaders in a $29 Billion health organization.
- **Co-founded a finance programming developer group**, automating significant portions of the system-wide budget process using Python, PowerShell, and SQL, resulting in substantial increase in efficiency and accuracy.
- **Developed monthly executive talk tracks** analyzing and explaining key financial performance variances on a regional level, enhancing decision-making and strategic planning.
- **Mentored three rotational analysts**, highlighting ability to lead and teach technical concepts.

Financial Analyst   Jul. 2021 – Jul. 2023
- **Fostered a highly diverse skillset** as part of the competitive finance rotational development program, engaging in six-month roles across System FP&A, Ambulatory Care Network, Strategic Finance, and Regional Operations.
- **Created an insurance plan expansion** business case using comparative analysis, Power BI, and data engineering.
- **Designed a real-time productivity Power BI** connecting to system CDW and using operational best practices.