

PAULINE J. SANTRY

617-894-0663 ▪ pauline.j.santry@gmail.com ▪ [LinkedIn](#) ▪ [Github](#)

EDUCATION

2017-2021

HAMILTON COLLEGE

B.A. Mathematics major, Geoscience minor

- GPA: 3.51
- Rowing: 2021 Captain, First Team All-American, NESCAC First Team All-Conference, team placed 2nd at 2021 NCAA National Rowing Championship

Summer 2024

ECORNELL CERTIFICATE IN PYTHON FOR DATA SCIENCE

EXPERIENCE

10/2024 -

Present

HKD SNOWMAKERS, INC.

Product Manager, iSno Controls & Automation

- Manage the software development team by documenting development required, prioritizing features and bug fixes, and designing new features based off sales and customer feedback
- Build a custom report for Steamboat Ski Resort using SQL to keep track of their water consumption for the State of Colorado and evaluate the efficiency of their snowmaking system
- Make small UI changes to the front end using React
- Provide support to existing customers including training sessions, making configuration updates and troubleshooting issues

5/2024 – 6/2024

TESLA, INC.

Senior Financial Systems Program Manager

- Represented Finance & Accounting teams in building and iterating on the home-grown ERP system for inventory management, purchasing, and sales to solve data quality issues
- Drove an initiative to improve Purchase Order hygiene by identifying a population of 77k POs (\$1.4 billion of open spend) to bulk close and implementing automation to close stale Pos

7/2023 – 5/2024

Financial Systems Program Manager

- Investigated data variances across Tesla's manufacturing product lines, pin-point problems and bring operations and IT teams together to resolve issues either on the floor or in software
- Lead quarterly review with Finance, Operations and IT leadership (including CFO & CIO), working through each production line in the US, to gather support for process and software initiatives to improve inventory transaction accuracy
- Decreased inventory variance in Fremont and Austin Castings shops by 97% by identifying a systematic overestimate of material required to build, decreasing the accounted cost of the Model Y by \$122

9/2022 – 7/2023

Software Product Manager, Factory Software

- Lead MES integration engineer for Fremont, Reno, and Lathrop factories, responsible for sustaining code in production (including lineside support), as well as deploying new code and validating features with the equipment
- Led daily standups, prioritizing tickets for development based off value added, time-sensitivity, development effort required, and impact to the business
- Implemented a checklist to manage global production line deployments to achieve 99% uptime
- Trained a team of 5 for 24/7 on-site support of production-critical manufacturing software
- Supported integration testing for Cyber General Assembly and Battery Pack pilot lines in Fremont

7/2021 – 9/2022

Associate Software Product Manager, Factory Software

- Captured requirements and delivered features for Production & Quality teams across the factories to improve the Manufacturing Execution System (MES) to achieve rate and quality goals
- Supported launch and ramp of Semitruck line in Reno and Megapack line in Lathrop, leading the integration of Factory Software to ensure critical data collection regarding build quality, material consumption, and production
- Curated UPH dashboards and alerts for Production leadership to identify bottleneck stations and rebalance work for Fremont Model Y line to achieve a weekly production rate increase of 37%
- Scheduled and executed weekly software releases in Fremont, validating changes and troubleshooting issues

PERSONAL

- Skills: SQL ▪ Python ▪ MES ▪ ERP ▪ Splunk ▪ Jira ▪ Github ▪ Agile ▪ Problem Solving ▪ Stakeholder Management ▪ Checklists ▪ Product Design & Development ▪ Data Analysis ▪ QA
- Interests: Running (5x Marathon including Boston, 1x Ironman 70.3), skiing, Sudoku, painting, NFL, Boston sports