

Jesella “Jess” Laser Beam Barrett

Technology and data professional | amateur artist and math enthusiast | occasional wizard
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1. Summary of Qualifications

- 1.1. Can RTFM, reads and answers emails, writes things down, explains decisions, takes responsibility for actions, knows how to do a vlookup, knows how to query relational databases, writes code to automate processes, broken things start working when I show up

2. Experience / Education

2.1. Lasershaft.com development and administration, self, from October 2022 to present

- 2.1.1. Full stack developer, React JS, Python, Github for version control
- 2.1.2. Administrator of associated Google Workspace, Google Domain, Cloudflare Site, Cloudflare
- 2.1.3. Blog writer and art maker

2.2. Technology and Database Manager at Rainier Prep Middle School in South Seattle/Burien from October 2021 to present

- 2.2.1. Manages over 500 endpoints including Chromebooks, Windows devices, printers, projectors, and hotspots
- 2.2.2. Manages database software (SIS), Synergy
- 2.2.3. Manages school's LMS, Renaissance (Illuminate) DnA
- 2.2.4. Super administrator of organization's Google Workspace for accounts, Chromebooks, etc.
- 2.2.5. Maintains password management system for group accounts and student passwords
- 2.2.6. Writes internal processes and policies
 - 2.2.6.1. Student technology agreement to help reduce costs
 - 2.2.6.2. Service level agreements
 - 2.2.6.3. Data maintenance schedules
- 2.2.7. Reports school data to State database (CEDARS) over SFTP
- 2.2.8. Automates processes using Google Sheets and Google Apps Script (javascript and query language)
- 2.2.9. Manages state testing: WIDA, STAR
 - 2.2.9.1. Backend control, data entry and validation, comparing lists, setting accommodations, maintaining on-prem testing server (test distributor's proprietary service)
 - 2.2.9.2. Assists in scheduling, finding empty rooms, ensuring group size and accommodations are met,
- 2.2.10. All levels of help desk, occasional front desk person
- 2.2.11. Fixes and maintains printer, maintains printer accounts

2.3. Order Desk Technician at Xerox in Seattle from March 2021 to September 2021

- 2.3.1. Fulfilled orders for files ensuring proper clearance, document control
- 2.3.2. Located thought-lost originals by scouring email chains, kept meticulous notes
- 2.3.3. Supported users in help desk

2.4. Print and Marketing Associate at Staples in Mill Creek from October 2016 to November 2018 and again from June 2020 to March 2021

- 2.4.1. Developed basic data management system for payment tracking
- 2.4.2. Improved materials inventory tracking
- 2.4.3. Led upselling project for color printing, upgraded paper, and donations

2.5. Undergrad Student at University of Washington Bothell from September 2016 to April 2020

- 2.5.1. Electrical engineering major (BSEE), minor in computer science and software engineering, minor in mathematics, graduated cum laude (GPA 3.87)
- 2.5.2. Designed waveform generator using microcontroller, low level C programming, digital to analog converter
- 2.5.3. Wrote small software projects using C++ and Python (formally taught in C++ and Java, self taught in Python)
- 2.5.4. Capstone project: aquaponics farm control system, scalable sensor inputs and outputs for pumps, fans, etc.

2.6. Distribution Assistant at Ben Bridge in Seattle from September 2014 to September 2016

- 2.6.1. Counted merchandise, distributed to bins, communicated to supervisors