

Luke Russell

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Education

Bachelor of Arts, Physics - Willamette University / Salem, OR

Aug 2014 - May 2018

Senior Thesis: [Photometry of Celestial Fireballs](#)

- Created software using Python to extract and analyze video data of meteor events
- Designed graphic user interface to easily run scripts and view results
- Compiled data collection of 12 meteor events and their photometric details
- Presented research to school with 3 talks and 1 poster presentation

Work Experience

Technical Writer - Freelance / Remote

Apr 2019 - Present

- Wrote articles about using features available in Python
- Wrote tutorials on how to implement API integration into user's workflow
- Created documentation for company's internal APIs
- Adapted documentation to fit company's changing needs

Inventory Team Member - Powell's Books / Portland, OR

Nov 2019 - Jan 2020

- Kept store inventory of 900,000 books updated by stocking new arrivals
- Navigated store database to find customer requests
- Provided customer service for those in search of books
- Operated point-of-sale system to assist customers in checking out

Services Intern - CrowdStreet / Portland, OR

Jun 2019 - Aug 2019

- Provided technical support for commercial real estate (CRE) developers and investors
- Courteously assisted and instructed clients in using proprietary CRE management software
- Designed web pages for CRE developers to publicize new offerings to potential investors
- Cleaned and organized client's data to move onto proprietary software

Physics Teaching Assistant - Willamette University / Salem, OR

Jan 2017 - May 2018

- Trained and assisted 40 students in following technical procedure
- Documented and maintained student lab data using G Suite
- Tutored students on physics and astronomy concepts
- Revised lab curriculum documentation and manuals

International Peer Coach - Tokyo International University of America / Salem, OR

Dec 2015 - Apr 2018

- Led 10 student employees in coordinating the arrival of 130 Japanese students to the US
- Designed procedural documentation for student employees to follow
- Trained student employees in program procedure and intercultural communication
- Led weekly advising meetings for group of 20 Japanese students

Skills

Administrative	Document Creation - Intercultural Communication - Project Management - Team Leadership
Customer Service	Account Troubleshooting - Client Training - Conflict Resolution - Instructional Emailing
Data	Data Analysis - Data Collection - Data Entry - Data Visualization - Database Management
Technical	Computer Vision - Ham Radio - Machine Learning - Statistical Analysis - Technical Writing

Technologies

Languages	Bash - HTML - Python (Astropy, Matplotlib, NumPy, Pandas, SciPy) - R - SQL (MySQL/MariaDB)
Projects	Visualizing SMS and Facebook Messages , Visualizing Popular Relationships from Fanfiction Sites
Software	Adobe InDesign - Adobe Photoshop - G Suite - Git - Jupyter - LaTeX - Linux (Arch) - MacOS - Microsoft Office - Stellarium - Trello - Vim - Windows - ZenDesk - Zoom