

Luke Russell

Portland, Oregon • luke.galbraith.russell@gmail.com • (206) 920-4771

EDUCATION

Bachelor of Arts, Physics

Willamette University | Salem, OR

Aug 2014 - May 2018

Thesis: Photometry of Celestial Fireballs

Research on tracking, modeling, and analyzing meteor events

May 2016 - May 2018

- Created software to extract and analyze data from an all-sky camera
- Compiled collection of meteor events and their photometric details
- Presented data analysis to school with 3 talks and 1 poster presentation

WORK EXPERIENCE

Physics Teaching Assistant

Willamette University | Salem, OR

Jan 2017 - May 2018

- Trained and assisted 40 students in correctly following lab and technical procedure
- Documented and maintained collection of student and lab information
- Tutored students on physics and coding concepts (Python)

International Peer Coach: Lead Team

Tokyo International University of America | Salem, OR

Dec 2016 - Apr 2018

- Led 12 student employees in coordinating the arrival of 130 Japanese students to the US
- Communicated tasks and event responsibilities to employees through daily meetings and consultations
- Designed and created procedural documentation for student employees to follow

International Peer Coach

Tokyo International University of America | Salem, OR

Dec 2015 - Apr 2016

- Coordinated semester-long orientation program for 130 Japanese students
- Implemented weekly recreational, cultural and educational activities and lessons with group of 20 students
- Managed procedural documents and billing charges for program

RELEVANT SKILLS

Administrative

Project Management & Presentation • Team Communication & Training • Data Collection
Statistical Analysis • Independent Research • Database Management • Technical Reports

Python SQLite • NumPy • SciPy • Pandas • OpenCV • Matplotlib • Seaborn • Tkinter
Data Analysis • Data Visualization • Database Analysis • Computer Vision • GUIs

Other Technologies

Microsoft Office • Dropbox • G Suite • SQL (MySQL/MariaDB) • Git • \LaTeX
Adobe Creative Suite • Linux (Arch, Ubuntu) • Windows • macOS • Jupyter • Bash