

RYAN FILGAS

INTERN
UNDERGRADUATE

CONTACT

(503) 208-6043

rfilgas@pdx.edu

LinkedIn:
[linkedin.com/in/ryan-filgas](https://www.linkedin.com/in/ryan-filgas)

EDUCATION

MASTER OF COMPUTER SCIENCE

Portland State University
2020 – Est: Spring 2023
Graduate GPA: 4.0

BACHELOR OF STUDIO ARTS

Humboldt State University
2011 – 2015

ASSOCIATE OF COMMUNICATIONS AND HUMANITIES

College of the Redwoods
2009 – 2013

OTHER

2015 – TOM KNIGHT AWARD
FOR PHOTOGRAPHY AT
HUMBOLDT STATE UNIVERSITY

2015 – ART DEPARTMENT AND
COMMUNITY AWARD AT
HUMBOLDT STATE UNIVERSITY

EXPERIENCE

Technical Skills:

C++, Python, Linux, Machine Learning Algorithms and Practices,
Object Oriented Programming, Data Structures, Terraform

Software Engineering Intern –Devops

Trimble Inc. | June 2021 –Present

- Currently learning CI/CD tools, GitHub actions, and infrastructure automation

INTERN UNDERGRADUATE – TECHNICAL

Trimble Inc. | Jan 2021 –June 2021

- Built a Terraform project to automate the deployment of web infrastructure in Microsoft Azure for a configuration management application using a mysql database.
- Worked with the Spectrum team to add new features and bug fixes to an inner source configuration management application written in golang.
- Completed trainings on the basics of Dotnet, Angular, SQL, and Docker in addition to small bug fixes.

TECHNICAL COURSE SUPPORT SPECIALIST

PORTLAND STATE UNIVERSITY | SEPT 2021 – DEC 2022

- Collaboratively teaches hands-on computer science labs.
- Assists lower division CS students learning C++ data structures and linux.
- Aids students with debugging and problem solving individually and in small groups.
- Meets once a week with TCSS team to practice debugging in a group setting.

GRADER / SUPERVISOR – COMPUTER SCIENCE DEPARTMENT

PORTLAND STATE UNIVERSITY | JAN 2021 – DEC 2022

- Managed a team of graders in the Computer Science Department
- Collaboratively taught hands-on computer science labs.
- Mentored lower division CS students learning C++ data structures, object oriented programming and linux.

PHOTOGRAPHER

RYAN FILGAS PHOTOGRAPHY | JUN 2013 – August 2021

- Operated a successful photography business for 8+ years.
- Conducted long term projects for architects and construction firms.
- Photographed multiple features for Humboldt Insider Magazine.
- Researched the local market and acted on findings to bring in clientele.
- Completed freelance digitech and photo assisting work for brands such as Ace Hardware, Fred Meyer, Dakine and others at a Portland photo studio.
- Developed a personal archiving and photo retouching workflow.
- Choreographed and executed multi-stop, multi-client jobs across state lines.
- Commercial work has been halted with exception to special circumstances.

MATERIAL HANDLER AT PDX AIRPORT

FEDEX EXPRESS | OCT 2020 – APR 2021

- Loaded and unloaded airplanes during the busiest peak season on record.
- Operated tugs and belt loaders to assist loading and unloading of cargo.
- Completed sweeps of the ramp before/after flights to prevent lost packages.
- Experienced a large logistics operation with many moving parts.