

# Ryan Filgas

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Github: <https://github.com/rfilgas>

## EDUCATION

**Portland State University**  
*Computer Science/Masters*

**Portland, OR**  
*Graduating June 2023*  
*GPA: 4.0*

## WORK EXPERIENCE

### The Standard

*Data Engineering Intern - Data Governance*

**Portland, OR**

*Jan 2023 - Present*

- **Integrating** Azure's Unity Catalog and Colibra via Springboot Application for the Data Governance Team

### Apex Fintech Solutions

*Site Reliability Intern*

**Portland, OR**

*Jul 2022 - Dec 2022*

- **Upgraded** Rancher and Kubernetes to fill a knowledge gap in the team's skill set
- **Created** GitHub actions and SaltStack to facilitate CI/CD workflows, configuration and orchestration

### Trimble Inc.

*Software Engineering Intern*

**Portland, OR**

*Jan 2022 - June 2022*

- **Debugged** features using .NET, HTML, CSS, Javascript, Angular, and C#
- **Automated** cloud infrastructure deployment for an internal application using Terraform and Azure.
- **Practiced** software development skills and participated daily using agile methodologies.

### Portland State University

*Grader + Technical Course Support Specialist*

**Portland, OR**

*Jan 2021 - Dec 2021*

- **Managed** a team of graders for entry-level CS coursework in addition to teaching C++ data structures

## PROJECTS

**CTRAN DATA PIPELINE**: Data integration, maintenance, storage, transformation, transport and validation using GCP, Confluent Kafka, Python, and PostgreSQL. MapBox displayed visuals for bus movement patterns in the Portland Metro.

**CS-CORE**: Fundamentals of CS - Algorithms, Object Oriented Design, and Software Engineering Principles implemented through 31 unique programs spanning C++, C, Python and Java.

**rfilgas.github.io**: A personal portfolio website written in HTML, CSS, and Javascript. An up to date site is [HERE](#).

**ML/AI**: Extensive experience processing data and gathering insights using AI and Deep Learning through 14 projects.

## SKILLS & TECHNOLOGIES

**Languages**: HTML, CSS, Javascript, Typescript, python, C++, Java, PostgreSQL

**Frameworks**: Node.js

**Tools**: Docker, Github, SaltStack, Kafka, Jira, Confluence, GCP, Azure, Terraform

**Libraries**: Pandas, NumPy, Matplotlib, BeautifulSoup