

Brian Gunnarson

Software Engineer with experience developing a professional website used by the University of Oregon and software designed for high performance computing.

EXPERIENCE

Lawrence Livermore National Laboratory (LLNL) — Software Engineer

OCTOBER 2022 - PRESENT, <https://github.com/LLNL/merlin>

Research and develop tools for workflow integration on HPC systems

Design object oriented solutions to coding problems in Python

Create automated unit and integration test suites

Provide support to users

Inquire — Full Stack Developer

FEBRUARY 2021 - SEPTEMBER 2021, <https://inquiremb.com>

Integrated backend resources with the Flask framework to communicate with our frontend api and store data in our MongoDB database

Created frontend components using React

Maintained a RESTful API to help implement CRUD operations

Worked with a team of 4 other software engineers in agile/scrum sprints

More information can be found at <https://github.com/5-Bits-in-a-Byte/inquiremb>

University of Oregon — Learning Assistant

SEPTEMBER 2020 - MARCH 2022

Helped teach Python and C basics, object oriented programming, and an introduction to data structures to students

Increased my ability to review, understand, and develop code

Time Series Analysis Library — Student Project

JANUARY 2021 - FEBRUARY 2021, <https://github.com/bgunnar5/TimeSeries>

Created the visualization component using python frameworks

Worked alongside my colleague to construct a transformation tree capable of evaluating multiple execution pipelines for a given time series

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<https://github.com/bgunnar5>

<https://briangunnarson.com>

SKILLS

Good with people.

Quick learner.

Version Control Systems.

AWARDS

Mercer Family Foundation Grant Recipient for research on solar energy

Phi Beta Kappa Member for continued academic excellence

Magna Cum Laude Honors from the University of Oregon for graduating in the top 5% of my class

Multiple Dean's List Honors for academic merit

Heart of Service Award for outstanding customer service at Panera Bread

LANGUAGES & FRAMEWORKS

React/JavaScript

Python/Flask/Celery

HTML/CSS

C/C++

MongoDB/Some SQL Experience

GitHub/GitLab

Jira/Atlassian Suite

Docker

Linux/Unix

Jupyter Notebooks

EDUCATION

University of Oregon, Eugene, OR — *B.S. Computer Information Science*

SEPTEMBER 2017 - MARCH 2022

Minors in **Computer Information Technology** and **Mathematics**

GPA: 3.91 Overall, 3.97 Major

REFERENCES

Michal Young — michal@cs.uoregon.edu

Instructor I worked with at the University of Oregon

Boyana Norris — norris@cs.uoregon.edu

Instructor I worked with at the University of Oregon