

# Dillon Gyotoku

206-883-2207 | dgyotoku@uw.edu | Seattle, WA | [linkedin.com/in/dgyotoku](https://www.linkedin.com/in/dgyotoku) | [dgyotoku.github.io](https://dgyotoku.github.io)

## Summary:

I am a junior in the College of Engineering at the University of Washington studying Industrial and Systems Engineering. I am driven, organized, and enjoy solving complex problems and optimizing for efficiency and effectiveness. I am proficient in multiple programming languages including Java, Python, JavaScript, and C#. I possess strong data analysis skills and am proficient with Office and Google applications.

## Education

### UNIVERSITY OF WASHINGTON | SEATTLE, WA | EXPECTED GRADUATION JUNE 2024

- Pursuing a Bachelor of Science in Industrial Engineering: Data Science Specialization
- Current GPA: 3.80, Dean's List
- Relevant coursework (through Dec. 2022): Probability and Statistics for Engineers, Manufacturing Systems, Plant Layout & Material Handling, Linear and Network Programming
- Certifications: Six Sigma Green Belt (Jan. 2022)

### LIBERTY HIGH SCHOOL | RENTON, WA | 2016-2020

- Honors/Awards: National Merit Finalist, Summa Cum Laude (3.98 GPA), DECA State Finalist

## Professional Experience

### RESEARCH ASSISTANT | UW MACS LAB | SEATTLE, WA | 2022 – PRESENT

- Detected defects in laser powder bed fusion processes using image segmentation and machine learning.
- Trained and evaluated multiple models and model architectures with Python and PyTorch.

### CENTER DIRECTOR & LEAD CODE INSTRUCTOR | CODE NINJAS | NEWCASTLE, WA | 2018-PRESENT

- Authored and collaborated on summer camp curriculum which was used to teach 500+ students and increased center profitability by over 20%.
- Led teams teaching Unity, C#, Java, and JavaScript to small and large groups. These teams helped the center achieve top 20 nationwide revenue.
- Developed and implemented improvements to internal processes for grading and check-in.

### ANALYST | DECA & UW PROJECT TEAMS | WASHINGTON | 2019 - PRESENT

- Analyzed data using Excel, R, and Python to create reports recommending actions to address Corporate Social Responsibility and unequal access to technology during COVID-19.