

# Marisa K. Langlois

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Seattle, WA

## EDUCATION

ROCHESTER INSTITUTE OF TECHNOLOGY ♦ Rochester, NY

- B.S. in Computer Engineering, December 2018
- Minor in Creative Writing ♦ GPA: 3.25 / 4.00 ♦ Dean's List: 5 semesters

## EXPERIENCE

Software Engineer, PERFORMANCE SOFTWARE

January 2019 - present ♦ Bothell, WA

- Developed testing suite in Python for safety-critical embedded software for the aviation industry.
- Revised documentation detailing engineering processes to increase accuracy and ease of understanding.

Research Assistant, MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
LINCOLN LABORATORY

August 2017 - December 2017 ♦ Lexington, MA

- Designed serial communication APIs using LabVIEW for various measurement devices.
- Developed Python and Bash scripts to facilitate data processing and virtualization.
- Paid close attention to clear, concise documentation and good coding style.

Back-End Web Development Intern, GENIUS PLAZA

June 2017 - August 2017 ♦ Clifton Park, NY

- Migrated existing monolithic codebase to microservice architectural style using the Django REST Framework to improve performance and code maintainability.

Summer Intern, Diffusion/Epitaxy Module, GLOBALFOUNDRIES

June 2015 - August 2015 ♦ Malta, NY

- Assisted Epitaxy Equipment Engineering team with day-to-day tasks.
- Performed data analysis by writing macros using VBA for Microsoft Excel.
- Developed software application using Google Apps Script to display data from multiple sources in one cohesive view.

## SKILLS AND INTERESTS

♦ Computer Programming and Web Development

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|----------------|-----------------|----------------|
| ► JavaScript   | ► Python/Django | ► HTML/CSS     |
| ► C/C++        | ► Java          | ► LabVIEW      |
| ► VHDL/Verilog | ► Git/GitHub    | ► MATLAB       |
| ► Bash         | ► SQL           | ► ARM Assembly |

♦ Technical Writing

♦ French language, 10 years' experience

♦ Volunteering

► Food Distributor, WILTON FOOD PANTRY

July 2015 - present ♦ Wilton, NY

► Cat Caregiver, CENTRE COUNTY PAWS ANIMAL SHELTER

February 2016 - August 2018 ♦ State College, PA

♦ Hiking and Backpacking

♦ Creative Writing: fiction, poetry, and creative nonfiction