

Shriya Gautam

 [bits-and-bytes85](#)  [in/shriyagautam5/](#)  shriya.gautam5@gmail.com  425-761-4712

EDUCATION

University of Massachusetts, Amherst

Expected Graduation: May 2027

B.S in Computer Science and Math

Honors: Chancellor's Scholarship Recipient, NCWIT Rising Star Award Winner

Coursework: Object Oriented Programming, Advanced Calculus, Data Structures

EXPERIENCE

OpenEXA

Aug 2022 - June 2023

Development Intern

Seattle, WA

- Implemented 15 financial dashboards powered by machine learning with Google Data Studio and Python, creating data-driven visualizations that enabled clients to make informed business decisions
- Crafted front-end page designs for OpenEXA main website and other applications, including a new crypto token swapping application using the Uniswap API

Mathnasium

Oct 2022 - June 2023

Math Tutor

Bellevue, WA

- Tutored pods of 2-4 students of varying math levels for hour-long sessions, tailoring instructional approaches to address individual learning needs
- Developed creative and innovative techniques, including visual aids, manipulatives, and real-life examples, to make abstract mathematical concepts more accessible and relatable to students

TECHNICAL SKILLS


Languages: Java, Python, C, JavaScript, CSS, C#

Technologies: Github, Google Data Studio, Tensorflow, Keras, React.js, Docker

PERSONAL PROJECTS

Satellite Image Analysis | TensorFlow, Keras, Python

June 2022 - Dec 2022

 [Satellite Image Neural Network](#)

- Created a convolutional neural network model to classify various satellite images based on ecological characteristics
- Achieved a 92 percent accuracy of the model in classifying satellite images as desert, forest, ocean, or other (cloud cover)

Connect Four | Java, Object Oriented Programming

June 2022

 [Connect Four](#)

- Developed a fully functional 2-player Connect Four game with animation and graphics

LEADERSHIP

Technovation Girls Student Ambassador

Sep 2022 - May 2023

- Organized events for Technovation to teach local high school and middle school girls about programming and app development for social good
- Led over 20 club meetings, consolidated and taught app development curriculum to 30+ high school members over the school year to submit to the Technovation competition