

# JONATHAN GEORGE

Newmarket, NH | [github.com/jongearge1999](https://github.com/jongearge1999)

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Graduate student and U.S. Army veteran passionate about computer science, graphics programming, and modern web development. Research focus on improving the field of Computer Graphics and Visualization.

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## EXPERIENCE

### RESEARCH ASSISTANT

UNH Space Operations Center | Durham, NH

DECEMBER 2023 – PRESENT

As a research assistant at the UNH Space Operations Center, I was tasked with programming research and data analysis tools for the NASA Parker Solar Probe program. These tools were developed using the Python programming language, with test-driven development methodologies, in an AGILE-like production environment.

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### TEACHING ASSISTANT, DS/ALGORITHMS

University of New Hampshire | Durham, NH

MAY 2025 – AUGUST 2025

Assisted in teaching core topics of Data Structures and Algorithms including arrays, linked lists, trees, graphs, sorting, and complexity analysis while emphasizing algorithmic correctness.

### JUNIOR SOFTWARE ENGINEER

Spacepy | Durham, NH

DECEMBER 2023 – DECEMBER 2024

Developed and maintained a Python library tailored for space-related applications, focusing on quality-of-life improvements for Astrophysics research.

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## EDUCATION

### B.S. COMPUTER SCIENCE

University of New Hampshire

JANUARY 2022 - DECEMBER 2025

- Relevant coursework: Algorithms, Systems Programming, Computer Graphics, Mathematical Optimization
  - GPA 3.76
  - Research focused on Computer Systems and visualization
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## SKILLS

- C/C++
  - Computer Graphics
  - Algorithms
  - Mathematical Optimization
  - Reinforcement Learning
  - Natural Language Processing
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