

## Ryan Fantigrossi

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| <b>CONTACT INFORMATION</b>  | SUNY Brockport<br>Computer Science Student<br>+1 (585) 300-1202<br>rfant1@brockport.edu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                        |
| <b>EDUCATION</b>            | SUNY Brockport<br><br>B.A, Computer Science<br><br>Concentration in Advanced Computing (ABET Accredited)<br>Monroe Community College<br><br>Assoc., Computer Science                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | May 2026<br><br><br><br><br>December 2023                                                                                              |
| <b>TEACHING</b>             | SUNY Brockport<br>Lab Assistant, Computer Science Department                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                        |
| <b>PROJECTS</b>             | EDUALLY, SUNY Brockport<br>Lead the front-end and backend design of educational software utilizing Artificial Intelligence<br>Resume Parser, SUNY Brockport<br>Worked collaboratively within a large group to develop a program utilizing Artificial Intelligence to parse resumes of all types and formats.<br>MySQL Database, SUNY Brockport<br>Lead large groups in the design of a database management system centered around online tournament based bracket creators.<br>Patient Portal, SUNY Brockport<br>Created website maximize user accessibility within healthcare.<br>Partner for Honor's Undergraduate Thesis, SUNY Brockport<br>Collaborated with mathematics fellows at SUNY Brockport to aid in the develop of a peer's Undergraduate thesis on algorithms to calculate non-commutative Gröbner basis. | August 2024-present<br><br>October 2025-present<br><br>March 2025 - May 2025<br><br>September 2025-present<br><br>October 2025-present |
| <b>RESEARCH INTERESTS</b>   | Artificial Intelligence, Deep/Machine Learning, Artificial Intelligence within Education, Optimizations to Programming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                        |
| <b>AWARDS</b>               | Sunnking Scholarship, SUNY Brockport<br>Exceptional Engagement Award, Syracuse University<br>Undergraduate Research Award                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | May 2025<br>May 2025<br>May 2025                                                                                                       |
| <b>PRESENTATIONS</b>        | <i>K-means Clustering and Markov Chain Monte Carlo Algorithms</i> , SUNY Brockport's Scholars Day, Consortium, & AI Symposium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Various Dates                                                                                                                          |
| <b>CONFERENCES ATTENDED</b> | Binghamton University Graduate Combinatorics, Algebra, and Topology Conference Binghamton University<br>2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | November                                                                                                                               |
| <b>PROFESSIONAL SERVICE</b> | SUNY Brockport<br>• Chair, ACM Student Chapter Special Interest Group in Artificial Intelligence<br>• President, Brockport Computing Science Club<br>• Member, Circle K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                        |