

Jonathan Donelly
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CERTIFICATION

Candidate for New York State Initial Certification in Technology Education

EDUCATION

Bachelor of Science in Technology Education

State University of New York College at Buffalo, May 2017

- Member of *Epsilon Pi Tau* International Honor Society for Professionals in Technology
- GPA: 3.3/4.0

Associate of Science in Liberal Arts and Science-General Education

Erie Community College, Orchard Park, New York, May 2010

- GPA: 3.0/4.0

COMPUTER KNOWLEDGE

Autodesk Inventor, SolidWorks, CAD/CAM, ProEngineer, HTML, PhotoShop, Adobe Premier, Excel, PowerPoint

TEACHING EXPERIENCE

Student Teacher

Depew Middle School, Depew, New York, March-May 2017

- Prepared and taught lessons in eighth grade Technology using district-wide curriculum.
- Planned and executed a unit on structures that emphasized forces and loads.
- Created and facilitated a “Technology in the News” project to investigate technology developments that interest students.
- Implemented shop safety lessons using machines such as the table saw, belt sander, and drill.
- Supervised and advised 30 students in an after-school technology club.
- Participated in parent/teacher conferences to discuss student progress.

Student Teacher

Lancaster High School, Lancaster, New York, January-March 2017

- Prepared and taught lessons in Principles of Engineering (three sections), Robotics (one section), and Construction Systems (one section) for Grades 9-12.
- Designed and administered testing and evaluation procedures.
- Organized and presented a unit on plumbing systems including a soldering project.
- Coordinated a guest speaker to discuss the value of home improvement.
- Supervised Science Olympiad team in design and modification of a trebuchet, winning gold in regional competition.

VOLUNTEER EXPERIENCE

Lakeview Children’s World, Lakeview, New York, 2016

- Designed and implemented a woodworking project for children, ages 5-10.

AFFILIATIONS

Western New York Technology Education Association (WNYTEA)

Technology Education Collegiate Associate (TECA)

International Technology and Engineering Educators Association (ITEEA)

WORK EXPERIENCE

Department Manager of Tools, Smith’s Ace Hardware, Irving, New York, 2014-2016

Service Technician, Suburban Pest Control, Hamburg, New York, 2012-2014