

Kuri DiFede

376 Clay Pitts Rd
East Northport, NY 11731

kuri.difede@gmail.com
631-339-0379

EXPERIENCE:

Mineola High School, Mineola NY

2016-present

High School Computer Science Teacher

- Instruct high school students on a variety of programming languages including AP Computer Science
- Effectively maintain an exciting, engaging classroom that ensures maximum understanding and manages and assesses students' progress and proficiency of hard and soft technical skills

Robotics Coach

- Co-founded and mentor the schools First Tech Challenge and First Robotics Competition team.
- Recruited for the teams, including a female ratio of nearly 50%
- Won awards including: Alliance Captain Winner, Alliance Captain Finalist, Rookie All-Star and Engineering Inspiration, which led to competing at the World Championships in 2018 and 2019.

Farmingdale State University, Farmingdale NY

2019-present

Adjunct Professor

- Teach dual enrollment Python, Web Technology and Intro to Computer Science / Excel programming.
- Assist with advising high school students in the dual enrollment program.

Queensborough Community College, Bayside NY

2016-2019

Adjunct Professor

- Taught dual enrollment Operating Systems, Robotics, Web Technology and Javascript programming.

The Dalton School, New York NY

2011 – 2016

Technology Teacher Grades 6-12

- Instruct middle / high school students on a wide range of programming languages and fabrication technology
- Robotics: National FLL Global Innovation Award Semi-Finalists, 2nd in the USA for Robocup Jr. Soccer
- Developed and published a curriculum that covers electronics, fabrication and programming
- Organize, design and lead faculty professional development workshops to integrate educational technology into class curricula, specializing in creating multi-disciplinary and STEAM projects

NYU Center for Innovation in Teaching and Learning, New York, NY

2008-2011

Educational Technologist

- Conduct group and individual trainings for classroom technology use and best practices
- Teach tools and techniques to seven graduate and undergraduate student part time workers
- Research and evaluate new educational technologies for the classroom environment

AWARDS:

- NCWIT Aspirations Educator Award Winner - Greater NYC Area - 2018
- Students won the Congressional App Challenge for NY District - 3 2016
- Campus Technology Innovators Award - iPad/XanEdu pilot - 2010

EDUCATION:

- **Adelphi/SUNY Empire State**, Graduate Education Classes (30 cr) 2015 - 2018
- **New York University**, M.S. Computer Science May 2010
- **University of Richmond**, B.S. Interdisciplinary Physics and CS, Math Dec 2007

CERTIFICATION: Computer Technology 7-12

TECHNOLOGY PROFICIENCIES:

Adobe Photoshop, Adobe Illustrator, Roland VersaWorks, Arduino, Java, Javascript, Processing, HTML/CSS, Scratch, Python, Lego EV3, C++, Digital Fabrication Tools including Laser Cutter, CNCs & 3D Printing