Maria Roch

Phone: (772) 713-4095
Email: yosoylight6@gmail.com
Website: mariaroch.github.io

Education

Florida Institute of Technology, Melbourne, FL.
B.S. - Applied Mathematics   Aug 2019 – Dec 2023
- Applied Area: **Computer Science**
- **GPA 3.68** over 66 credits
- Panther Distinguished Scholar (**Full Merit Scholarship**)
- Phi Eta Sigma National Honor Society; Dean's List

Indian River State College, Fort Pierce, FL.
A.A. - Mathematics   Aug 2015 – Aug 2019
- **GPA 3.97** over 116 credits (dual-enrolled from 9th-12th grade)
- 2019 **All-Florida Academic Team** (**top 0.02%** of students enrolled in 2 year colleges throughout Florida)
- Phi Theta Kappa International Honor Society; President's and Dean's List

Experience

Royal Caribbean Group, Miramar, FL.
Cybersecurity / Data Analysis Intern   May 2023 – Aug 2023
- Learn Python, Excel, and Power BI. Use Power BI to illustrate security trends

Indian River State College, Fort Pierce, FL.
Math Tutor   March 2024 - Present
ASC Peer Tutor   May 2018 – Aug 2019
- Tutor in IRSC's Math Lab, Academic Support Center (ASC), and classrooms, for Algebra, Calculus, etc.

Self-Employed, Sebastian, FL.
Private Math Tutor   Sep 2018 - Present
- Tutor children and adults (off and on)

Coursework and Skills

Discrete Math (graduate-level)	HTML, CSS / Bootstrap	Spanish, Italian, Latin, ASL
Set-Valued Analysis Research	JavaScript / JSX / React	CPR Certified
Models in Applied Math	C/C++, Python	Technical Communication
Real Analysis	Pandas / Jupyter Notebook	Public Speaking
Complex and Numerical Analysis	Bash Scripting, Linux	90 WPM Typing Speed
Optimization	Excel / Microsoft Office	Micro / Macro Economics
Linear Algebra, Abstract Algebra	Word / PowerPoint	Psychology of Personality
Probability / Statistics w Calc.	Power BI, Tableau, SQL	Piano, Kalimba, Voice, Music Theory
Partial Differential Equations	WordPress	Digital Art, Sketching
Ordinary Differential Equations	MATLAB, R, LaTeX, Creo	Chemistry I – II, Biology I - II
Physics w Calc. I-II	Parallel Processing	Anatomy & Physiology I
Calculus I-III, Pre-calculus	Scientific Computing	Philosophy of Science
Trigonometry, Geometry, Algebra	Computer Organization	Accounting I

Extracurriculars

Florida Institute of Technology
- FITSEC (Cybersecurity Team) – Participated in Big Brother CTF
- CPFIT (Competitive Programming Team) – Participated in ICPC (Southeast Regionals)
- AMS (American Mathematical Society)

Indian River State College
- Emerging Leaders Program, 44th Annual Student Leadership Conference
- Delta Mu Epsilon Math Club (President, formerly Vice President)

425+ Volunteer Hours
- *H.A.L.O. No-Kill Rescue Shelter*
- *Environmental Learning Center*