Maria Roch

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mariaroch.github.io

Education

Florida Institute of Technology, Melbourne, FL.   Aug. 2019 – Dec. 2023
B.S. - Applied Mathematics (Applied Area: **Computer Science**)
- **GPA 3.62** over 57 credits
- Phi Eta Sigma National Honor Society; Dean's List
- Panther Distinguished Scholar (full merit scholarship)

Indian River State College, Fort Pierce, FL.   Aug. 2015 – Aug. 2019
A.A. - Mathematics
- **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

Coursework and Skills

Discrete Math (graduate-level)	C/C++, Python	Spanish, Italian, Latin, Sign Language
Set-Valued Analysis Research	Tableau, SQL	CPR Certified
Models in Applied Math	HTML, CSS, JavaScript	Technical Communication
Real Analysis	MATLAB, R, LaTex	Public Speaking
Complex Analysis	Bash Scripting, Command Line	Micro / Macro Economics
Numerical Analysis	Linux Terminal	Psychology of Personality
Linear Algebra	100 WPM Typing Speed	Piano, Kalimba, Voice, Music Theory
Probability/Statistics w Calc.	Parallel Processing	Digital Art, Sketching
Ordinary Differential Equations	Scientific Computing	Chemistry I – II, Biology I - II
Physics w Calc. I-II	Computer Organization	Anatomy & Physiology I
Calculus I-III, Pre-calculus	Machine Programming	Philosophy of Science
Trigonometry, Geometry, Algebra	Google Sheets, Microsoft Office	

Experience

Self-Employed, Sebastian, FL.   Sep. 2018 – Present
Private Math and Programming Tutor

Mathnasium, Viera, FL.
Instructor
- Tutor students K-12 in math

Indian River State College, Fort Pierce, FL.   May 2018 – Aug. 2019
ASC Peer Tutor
- Tutor IRSC students in IRSC's Math Lab and Academic Support Center (mainly for calculus)
- Assist instructor with teaching algebra students in the classroom for IRSC's Quality Enhancement Program

Extracurriculars

Florida Institute of Technology
- FITSEC (Cybersecurity Team)
- AMS (American Mathematical Society)
- CPFIT (Competitive Programming Team)

Indian River State College   Aug. 2015 – Aug. 2019
- Emerging Leaders Program, 44th Annual Student Leadership Conference
- Delta Mu Epsilon Math Club
  - President Spring 2019, Vice President Fall 2018

425+ Volunteer Hours

Environmental Learning Center   June 2014 - Present
- Summer Camp Counselor
- Touch Tank Volunteer