John Mays: Résumé (Online Version)

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Cincinnati, OH

Last Updated: October 25, 2023

Education:

- Case Western Reserve University:
  - Bachelor of Science in computer science with an A.I. concentration
  - Minor in ethics
  - Graduated with a 3.836 GPA (magna cum laude) in May, 2023

Experience:

- Teaching Assistant (T.A.) for Dr. Michael Lewicki's Computational Perception Class at C.W.R.U.   Spring 2023

  Instructed, graded, and sometimes created lessons on topics in computer vision, perception, and digital signal processing, such as auditory and 2D filtering, scene analysis, and photoreceptor modeling.

- Student Associate for Inamori Ethics Center at C.W.R.U.   Fall 2022 — Spring 2023

- Machine Learning Researcher for Dr. Christopher Wirth's Lab at C.W.R.U.   Summer 2021 — Summer 2022

  Designed and implemented image processing and classification algorithms for a variety of microscope data.

- Graphic Designer for Maltz Performing Arts Center at C.W.R.U.   Fall 2019 — Spring 2023

- C.A.D. Technician for Maltz Performing Arts Center at C.W.R.U.   Fall 2019 — Fall 2021

Skills:

Programming Languages:

- **Abundant experience in** Python, Julia, MATLAB
- **Some experience in** R, C/C++, SQL, JavaScript, HTML, CSS, Scheme/Racket
- **Dabbled in** Haskell, Prolog

Frameworks and Software Tools:

- **Abundant experience in** TensorFlow, Git workflow
- **Some experience in** MySQL, TeX, React, PostgreSQL, AWS S3 and Lambda, Docker
- Comfortable with Linux and most shells

Achievements:

- C.W.R.U.'s Michelson and Morley Scholarship Recipient
- First Tech Championship Robotics — Ohio State First Place and World Qualification in 2016, 2018, and 2019
- Eagle Scout

Academic Interests:

- Marine life
- Medical imaging
- Ethics of artificial intelligence
- Algorithmic fairness

Activities:

- Studying modern Greek
- Founding member and president of Case Boxing Club