

# John Mays: Résumé (Online Version)

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Cincinnati, OH · Cleveland, OH

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## 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
- Graphic designer for Maltz Performing Arts Center at C.W.R.U. Fall 2019 — 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.
- 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** Scheme/Racket, C++, SQL, JavaScript, Java, HTML, CSS
- **Dabbled in** Haskell, Prolog

### Frameworks and Software Tools:

- **Abundant experience in** Adobe Suite, React, Git and GitHub
- **Some experience in** TensorFlow, TeX, Microsoft SQL Server, PostgreSQL, Solidworks, AWS S3 and Lambda, Docker
- Comfortable in most command line environments, especially Linux 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:

- Medical imaging
- Ethics of artificial intelligence
- Algorithmic fairness

## Activities:

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