

John Patrick Flynn

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Experience

- **University of Kentucky – Undergraduate Research Assistant** **Summer 2019 – Current**
 - Curricular Analytics Toolbox development
 - Data Analytics
 - Worked on a team to publish a study centered around Engineering curricula nationwide.
- **University of Kentucky – University Appeals Board** **Fall 2019 – Current**
 - Appointed by the President of the University and recommended by the Student Body President
 - Responsible for hearing appeals involving academic and disciplinary matters.
 - The only entity on campus with the authority to modify a grade.
- **Novus Solutions – IT Asset Disposition & Electronics Recycling** **Summers 2016 – 2018**
 - Responsible for electronics testing, sorting and auditing as well as organization and management of product flowing through the facility.
- **ERS International – Electronics Recycling** **Summer 2015**
 - Warehouse coordinator
- **Smyrna Sharks Swim Team – Head Coach** **Summer 2018**
 - Head coach of a staff of 6 coaches and 250 athletes.
- **Vining's Estates Swim Team – Head Coach** **Summers 2013 – 2016**
 - Earned Head Coaching position through performance and demonstrated leadership
- **Video Production - St Pius X Catholic High School** **2012 – 2016**
 - Production of weekly motivational pre-game video for the football program.
 - Please visit Vimeo at the link below to view samples of my productions.
<https://vimeo.com/user43770268/videos/appears>

Publications

- Greg L. Heileman, Jerzy Jaromczyk, Hayden W. Free, John P. Flynn, Camden Mackowiak. "Curricular Complexity Versus Ranking of Computer Science Programs". 2019
 - Pending SIGCSE 2020 approval

Skills

- Julia, Python, Ruby, Java, C, C++, Matlab
- Leadership, including teamwork and delegation
- Microsoft Office, Adobe Creative Cloud Suite
- Mathematical reasoning
- GitHub Repository management

Education

University of Kentucky, Lexington, KY

- Bachelor of Science in Computer Science
 - Projected Graduation: May 2020
 - Relevant completed courses- Calculus 1, 2, 3, 4, Physics 1, Chemistry 1, Fundamentals of Engineering Computing, Engineering Exploration 1 and 2, Boolean Algebra and Digital Logic Design, Introduction to Program Design, Discrete Mathematics, Intro to Software Engineering Techniques, Algorithm Design and Analysis, Systems Programming, Logic and Theory of Computing, Matrix algebra, Electrodynamics, Web Crawling, Circuits 1, Engineering Statistics
 - Relevant current courses- Machine Learning, Artificial intelligence, Computer Networking, and Databases
 - College GPA – 3.2

Activities

- Delta Sigma Phi Fraternity
 - Executive and Judicial board member