

John Hunter

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Work Experience

Localify.org | Backend Developer, Data Wrangler May 2020–present

- Developed web scrapers to gather data about musicians and their places of origin
- Maintained a robust and up-to-date database
- Ran and reported user tests to ensure frontend is approachable and intuitive
- Tools: Python, BeautifulSoup, Selenium, SQL

Fairness in Music Recommendation | Machine Learning Researcher Jan 2021-present

- Conducting experimental research comparing multiple state-of-the-art machine learning algorithms to determine fairness when applied to music recommendation systems
- Currently writing a research paper based on our findings
- Tools: Python, Anaconda, Scikit Learn, Pytorch

Cornell Veterinary School Tutoring System | Backend Developer May 2019–Feb 2020

- Developed an Intelligent Tutoring System with a Scrum team of 6
- Delivered a functioning backend prototype to clients on a biweekly schedule using scrum principles
- Met with clients to demonstrate prototype and update the product goal
- Tools: Java, JUnit, JSON, Spring

Education

Ithaca College, Ithaca, NY Anticipated May 2020

Bachelor of Arts in Computer Science

Minors in Psychology and Outdoor Leadership

Related Coursework and Projects

Intelligent Systems

- Created an intelligent agent equipped with Minimax, transposition tables and alpha-beta pruning to play the board game Reversi

Databases

- Reverse engineered Youtube's database to explore efficiencies in SQL

Software Development

- Studied the Scrum Principles and Implemented them in a Restaurant POI software project