ERIC WNOROWSKI

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Looking for full-time employment (open to part-time or paid internship) - Remote or Charleston, SC Metro Area

EDUCATION

The University of Charleston, South Carolina (College of Charleston), Charleston, SC — Graduation TBD
Computer and Information Sciences Master's Program (GPA: 4.0) || Coursework: Data Modeling and Database Design, Applied Algorithms, Project Change and Management, Principles of Cybersecurity

Vassar College, Poughkeepsie, NY — May 2023
Bachelor of Arts Computer Science; Economics Minor (GPA: 3.7) || Coursework: Compilers, Artificial Intelligence, Parallel Programming, Operating Systems, Data Structures and Algorithms, Software Design & Implementation, Computer Organization, Theory of Computation, Microeconomics

Christian Brothers Academy, Lincroft, NJ — May 2019
High School Diploma; First Honors; 1490 SAT; Chief Editor of Nationally Awarded Yearbook; Captain of Soccer Team

PROFESSIONAL EXPERIENCE AND LEADERSHIP

Data Science Intern, ConstructConnect, Cincinnati, OH (Remote) — May 2022 - Aug 2022
- Member of the ConstructConnect Data Science and Engineering team, working alongside the lead Data Scientist
- Focused on building several different Machine Learning Models: Object Detection Model, Image Segmentation Model, Image Classification Model, and Text Classification Model - exploring various possible models for each
- Responsible for research, data collection, data pre-processing, POC models, ML model evaluation, deployment
- Gained a deeper understanding of the SAFe AGILE process and the importance of communication within our specific data team as well as the entirety of the technology team.

Computer Science Teaching Assistant, Vassar College, Poughkeepsie, NY — Jan 2022 - May 2023
- A student coach for *CMPU 203: Software Design*, *CMPU 145: Foundations of Computer Science* & *CMPU 101*. Attend lab sessions, hold regular office hours, assist students with assignments, labs, studying, etc.
- Dedicate 10-15 hours weekly throughout the semester to assist Professor Meierles with CMPU-203. Previously worked with Professor Lambert in his CMPU-145 class and Professor Ellman in his CMPU-101.

Data Science Teaching Assistant, Liberal Arts Collaboration for Digital Innovation, (Remote) — May 2022 - Aug 2022
- Teaching assistant for the LACOL Data Science summer course. Regularly held office hours, graded weekly and assisted students with assignments, labs, projects, etc. Worked with students on creating their final data analysis project.
- Taught the principles of Data Science through R with a particular focus on data models and visualizations.

Captain & Goalkeeper, Men's Soccer – Vassar College & College of Charleston — Aug 2019 - Present
- 2023 Vassar Athletics Matthew Vassar Outstanding Career Award Finalist. 2022 Vassar SAAC Award.
- 2022 SCS All-District Team. 2021 Liberty League First Team. 2022 Liberty League Second Team.
- 2023 Vassar Scholar-Athlete Award Finalist. 2020, 2021, 2022 Liberty League All-Academic Team.
- Dedicate 30 hours to meetings, conditioning, practice, travel, and games in-season while balancing a rigorous course load

PROJECTS

Takeoff Boost, *ConstructConnect CV Machine Learning Model* — July 2022 - Present
- Created a proof of concept Object Detection Model for the ConstructConnect Takeoff platforms. The model automatically identifies particular features of a construction floor plan, decreasing the manual effort required.
- Using archived images of old construction plans I created a dataset of floor plans with those objects that need to be identified, then used LabelImg and LabelBox to create the bounding boxes, separated specific images for training, validation, and testing, and finally deployed and trained the model based upon this dataset.
- Using the evaluation metrics provided by the training, as well as running batch predictions on hundreds of other archived image files, the model successfully identified key components of the construction plans.

Resolve: Social Media App, *Android Application* — December 2022
- Java scheduling application with social media design. Students sign up, upload class schedules, and connect with friends/clubs. Clubs sign up and have the ability to add meetings or events to students' schedules.
- Went through the entire development process including Inception, Design, Implementation, Testing, and Deployment. Software used: Android Studio, Google Cloud (FireBase), GitLab, Espresso, JUnits

TECHNICAL SKILLS

Programming Languages: Python, Java, SQL, R, C, C++, Go, HTML/CSS/JavaScript, OCaml, Lisp, Ruby/Rinda/Rails
Software: IntelliJ, Jupyter Notebooks, Android Studio, R-Studio, NodeJS, ExpressJS, Bootstrap, JIRA, LabelBox, VSC
Other Tech: Git (Github & GitlLab), Google Cloud Platform (Vertex AI), Mac OS, Unix, Microsoft Office (Excel)
General Skills: problem-solving, documentation, team communication, adaptability, planning, willingness to learn