Christopher Housholder

✉ Springfield, MO ☎ (417) 630-2251 ✉ christopherlancehousholder@gmail.com 🔗 linkedin.com/in/christohous

EDUCATION

Missouri State University - Honors College **Aug 2022 – May 2027**
Bachelor's of Science in Applied Mathematics, GPA: 3.96/4.0 *Springfield, MO*
Coursework: Calculus I-III, Algebraic Structures, Linear Algebra, Statistical Theory

Missouri State University - Honors College **Aug 2022 – May 2027**
Bachelor of Science in Data Science, GPA: 3.96/4.0 *Springfield, MO*
Coursework: Algorithms and Advanced Data Structures, Databases, Languages and Machines, Computer Architecture

EXPERIENCE

Housholder Law Firm **Aug 2021 – May 2024**
Secretary *Springfield, MO*
- Secretary working for a well establish law firm assisting with legal research, filing, witnessing, and notarization.
- Work required skills including but not limited to: Case Law Research, Logical Problem-Solving, Detail Orientation, Document Management

Webster County 100 Club **Jan 2023 – Present**
Secretary *Springfield, MO*
- Web Developer tasked with personally creating a new website for the company.
- Work required skills including but not limited to: Project Management, Team Leadership, Advertising, Budget Management

Missouri State University **Apr 2023 – Present**
Mathematics Researcher *Springfield, MO*
- Researcher working alongside and under the tutelage of Dr. Steven Senger in the field of Graph Theoretical Mathematics.
- Work required skills including but not limited to: Combinatorics, Additive Number Theory, Graph Theory, Discrete Mathematics, Algebraic Structuring, Complex Analysis
- https://arxiv.org/abs/2409.09683
- Paper 2 - Coming May 2025

Omni Manufacturing **Jan 2024 – Present**
Chief Information Officer and Software Engineer *Houston, TX*
- Tasked with personally creating a new website for the company.
- Tasked with developing numerous information and file management programs.
- Responsibilities including but not limited to: Software development/maintenance, code implementation/integration, meeting with potential customers, other company representatives, sales, and product/efficiency innovation.
- Work required skills including but not limited to: Python, C++, Javascript, HTML, CSS, Search Engine Optimization, Google Analytics, Google Businesses, Brand Management

Missouri State University **Jan 2025 – Present**
Deep Learning Researcher *Springfield, MO*
- Researcher working alongside and under the tutelage of Dr. Yifan Zhang in the field of Deep and Machine Learning Models.
- Work required skills including but not limited to: Research, Deep and Machine Learning, PyTorch, Linear Algebra, Analytical Geometry and Calculus
- Paper 1 - Coming May 2025

Missouri State University **Jan 2025 – Present**
Mathematics Researcher *Springfield, MO*
- Researcher working alongside and under the tutelage of Dr. Animesh Biswas in the field of Non-local Curvature.
- Work required skills including but not limited to: Research, Partial Differential Equations, Multivariate Calculus, Linear Algebra, Mean/Gaussian Curvature Analysis
- Paper 1 - Coming May 2025

Awards

Dean's List Recipient   **Fall 2022 - Present**
Missouri State University   *Springfield, MO*
- Awarded for maintaining an exceptional collegiate GPA.

Board of Governor's Scholarship   **Fall 2022 - Present**
Missouri State University   *Springfield, MO*
- Awarded for maintaining an exceptional high school GPA.

Vicki Stanton Public Speaking Showcase   **December 2022**
Missouri State University   *Springfield, MO*
- Awarded for achieving an exceptional level of public speaking.

CNAS Undergraduate Research Symposium   **April 2024**
Missouri State University   *Springfield, MO*
- Awarded for my presentation covering my attached research in the field of mathematics (Discrete/Graphic Theoretical).

MAKO Undergradute Research Conference   **November 2024**
Missouri State University   *Springfield, MO*
- Awarded for my presentation covering my research in the field of mathematics (Harmonic/Complex Analysis).