Markus Hoehn

Manhattan, Kansas

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Personal Information

Date of Birth: February 7th, 2007

Education

Kansas State University
Concurrent Enrollment   *Since Fall 2022*

Manhattan High School
High School Diploma   *Expected Spring 2025*
Current Weighted GPA: 4.96 and Current Unweighted GPA: 4.0

For detailed coursework information, visit: `https://markushoehn.com/coursework.html`

Competitions and Events

2024: Third Annual Mathematical Bee Competition, Kansas State University - 1st Place

2024: Twenty-Sixth Annual S. Thomas Parker Mathematical Competition, Kansas State University – 3rd Place

2024: Business Professionals of America, Kansas State Leadership Conference:
- C# Programming Competition - State Champion
- Python Programming - 2nd Place

2024: Business Professionals of America, National Leadership Conference:
- Python Programming - 10th Place, National Finalist
- C# Programming Competition - 12th Place

2024: Hack KU - Themed Track 3rd Place Winner

2023: Business Professionals of America, Kansas State Leadership Conference:
- Python Programming - 4th Place

2023: Business Professionals of America, National Leadership Conference:
- Python Programming - 18th Place

2023: Hack K-State - 'Best Use of Google Cloud' award, Honorable Mention for 'Best Overall Hack'

2023: National German Exam Level 4 - Gold Award

For Hackathon project details, visit: `https://markushoehn.com/projects.html`

Teaching & Mentoring

Manhattan High School
President, Math Club   *Fall 2023 - Present*
Organize and deliver lectures for Math Club members, and volunteer at the Kansas State University Math Circle.

Manhattan High School
Programming Team Lead, Robotics Club   *Fall 2023 - Spring 2024*
Directed the transition of the codebase from Java to Python and developed a custom dashboard.

Manhattan High School
Team Captain, Robotics Club   *Since Spring 2024*
Oversaw the team's first implementation of a swerve drive system.

Employment

Fall 2023 - **Present**: Mathematics Paper Grader, Advanced Grading, Kansas State University
Graded assignments in Honors Calculus with Linear Algebra, Discrete Mathematics, and Matrix Theory

Languages

English: Fluent
German: Proficient (Listening Comprehension: C1, Reading Comprehension: C1, Writing: B1, Speaking: B2)

Interests

Applied Mathematics, Financial Mathematics, Modeling

Technical Skills

Programming Languages: Java, Python, C#
Certifications: Certiport Information Technology Specialist in Python, Certiport Information Technology Specialist in Software Development
Typesetting: LaTeX, Microsoft Word

References

Employment Reference: **Debra Webb**
Mathematics Paper Grader Employment Reference
Sr Administrative Specialist - Undergraduate Mathematics Major
Kansas State University
Email: ugmath@math.ksu.edu
Phone: 785-532-0557

Academic Reference: **Gabriel Kerr**
Associate Professor, Mathematics Department
Director of Undergraduate Studies in Mathematics
Kansas State University
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Academic Reference: **Ivan Blank**
Professor, Mathematics Department
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