

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

Expected completion of all requirements for a BS in Mathematics through dual credits obtained during high school by the end of Spring 2025. **GPA: 4.0**

Manhattan High School

High School Diploma

Expected Spring 2025

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: Kansas Scholars Bowl Class 6A Derby HS Regionals - 2nd Place

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

Led the transition of codebase from Java to Python.

Manhattan High School

Team Captain, Robotics Club

Starting Fall 2024

Employment

Fall 2023 - Spring 2024: Mathematics Paper Grader, Advanced Grading, Kansas State University

Languages

English: Fluent

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

Interests

Applied Mathematics, Financial Mathematics, Operations Research, 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
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Email: gdkerr@math.ksu.edu
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Academic Reference: Ivan Blank

Professor, Mathematics Department
Kansas State University
Email: blanki@math.ksu.edu
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