

SHANNON HALL

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EDUCATION

The University of Tennessee	Knoxville, TN	May 2021
Bachelor of Science in Mathematics		GPA: 3.97/4.00
Honors Concentration		Major GPA: 3.97/4.00
Minor in Computer Science		

EXPERIENCE

Theoretical Immunology Lab	Knoxville, TN	01/2020 - 05/2020
<i>Research Assistant</i>		
<ul style="list-style-type: none">• Collaborated with Dr. Vitaly Ganusov to study models on influenza behavior• Worked mostly independently in order to meet weekly goals• Utilized Python, R, and knowledge of differential equations to understand models		
University of Tennessee Math Camp	Knoxville, TN	Summer 2018 - 2020
<i>Tutor</i>		
<ul style="list-style-type: none">• Helped students develop fundamental skills in precalculus in order to prepare them for college• Worked primarily with graduate students from the math department		
University of Tennessee Math Department	Knoxville, TN	10/2019 - 05/2020
<i>Grader</i>		
<ul style="list-style-type: none">• Graded assignments for the Introduction to Abstract Math and Honors Matrix Algebra courses		
University of Tennessee College of Engineering	Knoxville, TN	08/2018 - 12/2019
<i>Undergraduate Assistant</i>		
<ul style="list-style-type: none">• Helped students with beginner engineering courses and related problems• Worked with other undergraduate and graduate students daily		
University of Tennessee College of Engineering	Knoxville, TN	01/2019 - 05/2019
<i>Undergraduate Teacher's Assistant</i>		
<ul style="list-style-type: none">• Held review sessions, office hours, and graded assignments for the ME 202 course• Worked with one other undergraduate student and professor frequently		

TECHNICAL STRENGTHS

Experienced with C++, Python, Java, Javascript, MATLAB, R, LaTeX, Windows, macOS, command line

EXTRA-CURRICULAR ACTIVITIES

Secretary of University of Tennessee Math Club and part of University of Tennessee Math Honors Program
Participated in Putnam Competition and University of Tennessee Allen Medal Exam
Participated in VolCatholic and The Turn
Member of Phi Beta Kappa and Pi Mu Epsilon

REFERENCES

Dr. Remus Nicoara

Professor, Director of Math Honors and Undergraduate Research

Mathematics Department

University of Tennessee

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Dr. Jochen Denzler

Associate Professor

Department of Mathematics

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Dr. Marie Jameson

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Dr. Luís Finotti

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