

# ALEH ASIPCHUK

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## EDUCATION

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- Florida International University, Miami, FL** *August 2020 - Present*  
Expected to receive Doctoral Degree in Applied Mathematics by summer 2025.
- Georgia Southern University, Statesboro, GA** *August 2018 - July 2020*  
Master Degree in Mathematics.  
Awarded by the Department of Mathematical Science, "Meritorious Graduate Student", 2019.  
Awarded by the Department of Mathematical Science, "Meritorious Graduate Assistant", 2019.
- Belarusian State University, Minsk, Belarus** *September 2010 - July 2015*  
Specialist, Mathematics (scientific and industrial activity)

## RESEARCH INTEREST

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Fourier analysis, Dynamics of Nonlinear evolutionary PDE arising in Mathematical Physics, Discrete Dynamical systems.

## RESEARCH EXPERIENCE

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- Master thesis** July 2020  
· Title: "On Global in Time Asymptotics for Nonlinear Schrödinger Equations with Angular Momentum". Master Degree Advisor: Dr. Shijun Zheng.
- Bachelor thesis** May 2015  
· Title: "Conditions of Gurov-Reshetnyak and the reverse Hölder inequality".

## PRESENTATIONS

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- The 38th Southeastern-Atlantic Regional Conference on Differential Equations** 10/07/2018  
*University of North Georgia*  
· Search for periodic solutions in discrete dynamical systems
- The 3rd Annual Northeastern Analysis Meeting** 10/19/2018  
*SUNY at New Paltz*  
· Some applications of Fourier analysis in dynamical system theory
- The 35th Southeastern Analysis Meeting** 03/15/2019  
*University of Alabama*  
· Fejer method and Suffridge polynomials
- The 9th Ohio River Analysis Meeting** 03/30/2019  
*University of Cincinnati*  
· On an optimization problem and Suffridge polynomials system theory

## STRENGTHS

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Analysis and PDE      Wolfram mathematica, MATLAB  
Latex

## WORK EXPERIENCE

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**Competentum (<http://competentum.com/>), Minsk, Belarus** May 2015 - February 2017  
*Content developer*

- Development and inspection of math problems
- Writing solutions to math problems
- Algorithm inspection and fixing
- Writing and inspection of alternative text

**Competentum (<http://competentum.com/>), Minsk, Belarus** February 2017 - August 2018  
*Team Lead*

- Inspection of math problems
- Algorithm inspection and fixing
- Organization of work process

**Georgia Southern University, Statesboro, GA** August 2018 - July 2020  
*Teacher assistant*

- Development and grading quizzes
- Tutoring and Recitations

**Florida International University, Miami, FL** August 2020 - Present  
*Teacher assistant*

- Development and grading quizzes
- Tutoring and Recitations

## PERSONAL TRAITS

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Highly motivated and eager to learn new things.

Strong motivational and leadership skills.

Ability to work as an individual as well as in group.