

## **CURRICULUM VITAE**

**Hagverdiyev Ali**

### **PERSONAL DATA**

Date of birth: August 3, 1988  
Marital status: Single  
Citizenship: Azerbaijan  
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### **DEGREES**

PhD Florida Institute of Technology, Florida, USA 2015- present (Applied Mathematics)  
PhD Texas A&M University, Texas, USA 2012-2015 (Applied Mathematics)  
(Transferred to FIT)  
MsC Nottingham University (Pure Mathematics), Nottingham, UK 2010- 2011.  
BCs. Baku State University , Azerbaijan , (Applied Mathematics) Baku 2006 – 2010  
Primary school No 82 , Baku , Azerbaijan , 1995 - 2006

### **ASSISTANSHIPS**

Summer 2017 – Research Doctoral Graduate Research Assistant Tuition Scholarship  
(DGRATS) Program

Summer 2016, NSF Grant for REU

Research Assistant Texas A&M University 2012-2013

### **Graduate Student Assistant (Florida Institute of Technology)**

Fall 2018 – AMS Student Chapter Vice President  
Fall 2018 – Intro to PDE, DiffEq  
Summer 2018 – DiffEq  
Spring 2018 – AMS Student Chapter Vice President  
Spring 2018 – Intro to PDE, DiffEq

Fall 2017 – AMS Student Chapter Vice President  
Fall 2017 – Intro to PDE, DiffEq, Calculus 1  
Summer 2017 – Research Doctoral Graduate Research Assistant Tuition Scholarship (DGRATS) Program  
Spring 2017 – Calculus 3  
Fall 2016 – AMS Student Chapter Secretary.  
Fall 2016 Calculus 3  
Fall 2016 Intro to PDE  
Summer 2016, NSF Grant for REU  
Spring 2016- Calculus 2  
Fall 2015 – Calculus 1

## **Teaching Assistant Texas A&M University 2013-2015**

Spring 2015 – Math414 Fourier Series and Wavelets  
Fall 2014 – Math150 PreCalculus  
Summer 2014 - MATH412: Theory of Partial Differential Equations  
Spring 2014 - Math 151 Engineering Mathematics I CALCULUS I  
Fall 2013 - Math 150 Functions, Trigonometry, and Linear Systems (Precalculus)  
Summer 2013 - Math 141 Business Mathematics 1  
Summer 2013 - Math 150 FUNCTNS TRIG & LNR STM

### **COMPUTER SKILLS :**

MATLAB, C++, Excel, Word, PowerPoint, MySql, HTML, Latex

**LANGUAGES :** Azerbaijani (Native), Russian (Fluent) , English (Fluent) , Turkish (Fluent).

### **SCHOLARSHIPS AND GRANTS:**

1. 38th Southeastern-Atlantic Regional Conference on Differential Equations (SEARCDE) 2018 Travel Grant
2. Second International Conference on Mathematics of Data Science 2018 Travel Grant
3. NSF Grant for REU Program. Summer 2015
4. Azerbaijani Ministry of Education Scholarship to Study Abroad Program. 2010-2012
5. Baku State University Stipend (Scholarship) for Undergraduate Students. 2006-2010

## **PUBLICATION**

- 1. Gradient Method in Besov Spaces for the optimal control of parabolic free boundary problems. (joint with Ugur G Abdulla and Vladislav Bukshtynov)**  
Journal of Computational and Applied Mathematics
- 2. On Long-Time Dynamics of the Solution of Doubly Nonlinear Equation**  
(joint with E. Novruzov)
- 3. On the behavior of the solution of the dissipative Camassa-Holm equation with the arbitrary dispersion coefficient, Journal of Differential Equations V.257, pp. 4525-4541, 2014 (joint with E. Novruzov )**

## **Conferences**

- 1. JMM Joint Mathematics Meetings: Baltimore Convention Center, Hilton Baltimore, and Baltimore Marriott Inner Harbor Hotel, Baltimore, MD January 16-19, 2019 (speaker)**
- 2. ICMDS2018, Second International Conference on Mathematics of Data Science, November 2-4, 2018 Location: Old Dominion University in Norfolk, Virginia (speaker)**
- 3. 38th Southeastern-Atlantic Regional Conference on Differential Equations (SEARCDE), University of North Georgia, GA, October 6-7 2018 (speaker)**
- 4. AMS Sectional Meeting: Fall Eastern Sectional Meeting, University of Delaware, Newark, DE, September 29-30, 2018 (speaker)**
- 5. JMM Joint Mathematics Meetings, San Diego Convention Center, San Diego, CA, January 2018 (speaker)**
- 6. AMS Sectional Meeting: Fall Southeastern Sectional Meeting, University of Central Florida, Orlando, FL, September 2017 (speaker)**
- 7. SEARCDE Florida Gulf Coast University 2016**

## **8. Finite Element Rodeo Conference 2012 – LSU**