

Hossein Saghaian

Marietta, GA 30062

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Willing to relocate: Anywhere

Work Experience

Course Instructor

Independent Teaching, Georgia State University

January 2018 to Present

- Design and Analysis of Algorithms, Theoretical Foundations of Computer Science (Discrete Math), Principles of Computer Science I (Java I), Principles of Computer Science II (Java II)

Graduate Teaching Assistant

Georgia State University

January 2017 to Present

Lab Assistant

- Data Structures, Big Data Programming, Java Programming, Web Programming, System Level Programming.

Visiting Scholar

John A Moran Eye Center

March 2013 to October 2013

- Optical imaging of intrinsic signals, neural data analysis with MATLAB, obtaining orientation and spatial frequency maps, improving the neural images.

Research Assistant

University of Rostock

April 2012 to August 2012

- Aligning nucleotides and amino acids sequences with MATLAB, parameter estimation and sensitivity analysis with Simbiology and Potterswheel.

Internship

Foolad Technique International Engineering Company - (FIECo), Iran

June 2008 to August 2008

- Control the cooling system of steel rolls with PLC S7-300 using Ladder Logic (LAD) and Function Block Diagram (FBD) programming.

Education

PhD in Computer Science

Georgia State University

September 2016 to Present

Master in Computational Engineering

University of Rostock

March 2011 to March 2014

Bachelor in Electrical Engineering

Isfahan University of Technology

September 2003 to September 2009

Skills

- Java
- Python
- MATLAB
- Tableau
- R

Languages

- Farsi - Expert
- English - Expert
- German - Intermediate