

SVITLANA ZASTER

Houston, TX 77057



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<https://szaster.github.io/SZPortfolio/>



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SUMMARY

Experienced full stack coding camp graduate with extensive background in HTML, CSS, JavaScript, MySQL, MongoDB developing intuitive web applications from the ground up. Professional strengths include creative problem-solving, written and verbal communication, effective time management. Detail oriented with an analytical mind-set from 10+ years of experience in research, scientific programming and education. Adaptable, diligent, open-minded, creative and flexible. Excellent presentation, communication and organizational skills.

TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS, Wolfram Language, SQL with MySQL and MongoDB

Frameworks: React, Materialize, Bootstrap, jQuery, Express, Node

Other Tech: GitHub, GitKraken, Sequelize, Mongoose, LaTeX, Wolfram Mathematica

EDUCATION



The University of Texas at Austin

2020

Certificate: Full Stack Development Boot Camp



University of Houston

2017

Degree: PhD, Theoretical Physical Chemistry



National Technical University of Ukraine 'Kyiv Polytechnic Institute'

2004

Degree: Master's; **Major:** Physics, Education

EXPERIENCE



Full Stack Web Developer

Mar 2020 – present

The University of Texas at Austin

- ✓ Wrote complex front end to backend applications with multiple models and data associations, implemented user authentication;
- ✓ Designed and developed responsive full stack web applications independently, and in a group setting;
- ✓ Mastered CLI and acquired extensive experience in browser-based technologies, server side deployment, databases and quality assurance.



Research Assistant

2008 - 2017

General Chemistry Instructor

2008 - 2010, 2020 - present

University of Houston

- ✓ built theoretical models of physical processes and performed scientific programming using Wolfram Language and Wolfram Mathematica;
- ✓ published results in peer-reviewed publications;
- ✓ conducted weekly lectures and problem solving sessions to 50+ students;
- ✓ demonstrated techniques of the proper and safe laboratory equipment usage



AWARDS

Best graduate student poster - Theoretical Chemistry Conference - Texas A&M University

2012

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