

## Service and Administrative Duties

### Educational data mining (sub-lab)

Leader of the Educational data mining group within UH-DAIS led by Dr. Christoph Eick. Since 2013, I have focused my research on Educational Data mining within UH Data analysis and Intelligent Systems Lab (UH-DAIS) lead by Dr. Eick.

### Service to the Department, College, and University:

<b>Director of Undergraduate Studies,</b>	<b>2016-Present</b>
<b>Member of faculty Search Committee</b>	<b>2020</b>
<b>Member of Holistic Review admission Committee</b>	<b>2020</b>
<b>Member of NSM Scholarship Committee</b>	<b>2020</b>
<b>Planning &amp; Implementing the Women Coding for Success Program</b>	<b>2020</b>
<b>Advisor Mind Optimizers Club organization</b>	<b>2020</b>
<b>ACM-ICPC Site Director at UH</b>	<b>2019-Present</b>
<b>Member of NSM Grievance Committee</b>	<b>2019</b>
<b>Advisor Smash Club organization</b>	<b>2019</b>
CS Undergraduate Committee (ex-officio);	2016
<b>Advisor at Research Experience for undergrad</b>	<b>2019</b>
<b>Advisor Undergrad Senior Honors thesis</b>	<b>2019</b>
Computer Science Advisor	2016- Present
Faculty senate	2018- Present
<b>Chair of the University of Houston Teaching Excellence Award</b>	<b>2018- Present</b>
<b>Member of the Esther Farfel Award committee</b>	<b>2018 -Present</b>
Member of NSM Undergraduate Committee	2016- Present
Member of UH Undergraduate committee	2018-Present
Member of the Student Fees Advisory Committee (SFAC) committee	2018-Present
Member of the International Education fee scholarships	2018-Present
Member of the advance Task force committee and NSM representative	2018
Member of the search committee	2016-2018
Chair of NSM Grievance Committee	2016
Planning & Implementing the Peer Mentor Program	<b>2017</b>
Organizing Skill-Building Workshop series	2017
Open Educational Resource workshop participant	2017
Mentor SURF Summer Undergraduate Research	2017
Seminar, Educational data mining, Honors College	2017
Coach "Competitive Programming" Teams of IEEE-Xtreme	2016 -
Building Workshop series	2017
Google game programming (1st Prize)	2017
Coach ICPC/ACM our team made it to the national and ranked 5 <sup>th</sup> Advisor LSA organization	2008-Present
<b>Adobe Analytics Challenge Mentor</b>	<b>2019</b>

- **Professional Connections:** College **Coordinator at NASA**, to recruit students for research.
- **IEEE Student Branch:** Founder and Counselor of College of Natural Sciences and Mathematics. STB16733, school code 2502501 –2015
- **Founder of ACM-W student Chapter:** Univ of Houston-CougarettesUH , Chapter Group ID: 184906-**2020**
- **Founder of UH-ACM-ICPC Site Contest & Site Director -2019**
- Founder of the ACM International Collegiate Programming Contest site at

University of Houston.

- **Founder of Workshops for Data structures**  
**2020**
- **Faculty Development Workshop: Digital Storytelling**  
**2019**

### **Service to the Profession/Academic Discipline:**

- Women Who Code Technical Leader      2018- **Present**
- Invited speaker at Big Data Analytics & Data Science      2019
- Judge at the Gulf Coast Undergraduate Research symposium at Rice University      2017
- Present Consulting services for Cancer Prevention Research at MD Anderson      2015-2017
- Seminar Robotech University of Houston, Downtown      2017
- Recruiting- Seminar AUB-Lebanon      2016
- **Member of Editorial Review Board** Egyptian Computer Science Journal I ISSN: 1110-2586  
2018-**Present**
- **Ph.D. Thesis External Reviewer** for three students      2019-**Present**
- **Program Committee Member** at International Workshops on Big Data and Networks  
Technologies
- **Advisory Committee Member** at some conferences such as IEEEExplore
- **Professional Memberships:** Member & IEEE Counselor, ACM Member