

## **Hasret Gul DERAN**

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(669) 264-9745 hgderan@gmail.com

### ***Software Engineer***

3 years of experience in programming. Excellent problem solving skills and needs assessment. Ability to adapt rapidly changing business requirements. My experience in the Department of Physics has improved my ability to think and act quickly and efficiently, as well as multitask. A strong and effective communicator, meet deadlines in a timely manner , eager to learn, hard-working, self motivated.

### ***Technical skills***

C, R, Python Language; Animation; Microsoft Office; Quantum Physics; Classical Physics; Optics; Nano Physics

### ***Interest***

Blockchain; Quantum computing; Data science; AI and ML

### ***Experience***

2014	Physics Teacher	Sinav High School	Istanbul, Turkey
2016	Physics Teacher	Sabancı Anadolu High School	Istanbul, Turkey
2019	Math & Physics Teacher	Ozden Etut Center	Izmir, Turkey

### ***Education***

#### **C Programmer**

2018-Present	School 42 Silicon Valley	Fremont, California
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Create C programming language library;  
Write a printf function with C language;  
Write Get-Next-Line function with C language.

#### **English for Technical Communications**

2017-2019	California College of Communication	Santa Clara, California
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Academic English Certificate  
Professional English Certificate

#### **Bachelor of Science: Physics**

2011-2016	Yildiz Technical University (YTU)	Istanbul, Turkey
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**Thesis:** Cylindrical Nanoparticle Energy Level.  
YTU Pedagogical Formation Education Certificate- Istanbul (03 July 2015)

#### **High School Degree – Math & Science**

2007-2011	Umraniye Anadolu High School	Istanbul, Turkey
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### ***Volunteerwork & Certification***

Balkan Indoor Athletics Championships Certificate-Istanbul (18 Feb, 2012)  
14th World Indoor Athletics Championships Certificate-Istanbul (9-10-11 Mar, 2012)  
API World- San Jose Convention Center Volunteer Work (9- 11 Sep 2018)  
BlockWorld-San Jose Convention Center Volunteer Work (12-14 Sep 2018)  
GSK Immuno Hack - San Francisco (13-15 July 2018)  
Healthcare Blockchain Applications Certificate  
Arduino Programming with Scratch Certificate  
Blockchain Technology - Basic Concept and Application- Certificate

### ***Language***

Turkish, English.

