

## **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 |
|              | 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 |
|           | Academic English Certificate        |                         |
|           | Professional English Certificate    |                         |

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

|           |  |                 |
|-----------|--|-----------------|
| 2011-2016 | Yildiz Technical University (YTU)  | Istanbul,Turkey |
|           | <b>Thesis:</b> 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.

