



Seyed Aref Banaee

Curriculum Vitae, Aug 2019

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| Personal Data | Nationality : Iranian Gender : Male Date of Birth : Feb/24/1997 Marital Status : Single National code : 0880247177 |
| Contact Information | Mobile : +98 9151645384 E-mail: Aref.banaee@ut.ac.ir, Aref.banaee@gmail.com |
| Education | B.Sc. Student in Mechanical Engineering, University of Tehran , Tehran, Iran. (2015 - now) B.Sc Thesis: Buckling, Torsion and Fatigue Analysis in Tumoral Components of the Knee Prosthesis with Oval Sections (2019) High School in Mathematics and Physics, Shahid Beheshti High School , National Organization for Development of Exceptional Talent (NODET), Qayen, Iran. (2011 - 2015) |
| Skills | Computer & Software: <ul style="list-style-type: none"> • Programming languages: C++ (basic), HTML (basic), MATLAB • Mechanical Engineering Design and Analysis: <ul style="list-style-type: none"> - Proficient in SolidWorks (have certificate of Scientific Association of Mechanical Engineering, University of Tehran) - Abaqus - Ansys - Familiar with Catia • Operating system: Windows Languages: <ul style="list-style-type: none"> • English (Upper Intermediate) • Persian (native) |
| Work Experience | - Work as intern in Jahan Noor Co. No 25, Eastern Hovaizeh Str., Northern Sohrevardi Ave., Tehran, Iran. (spring and summer 2017) - Work as intern in Alumiran Co. Tehran, Iran. (spring and summer 2018) |
| Research Experience | - Research on "Total Knee Replacement Prosthesis" under the supervision of Dr. M. Karimpour at Rehabilitation lab, School of Mechanical engineering, University of Tehran (2017 - now) - Research on "Optimization of Pipe Extrusion Die and Plug Profile" under the supervision of Dr. A. Parvizi at School of Mechanical engineering, University of Tehran. (2018 – 2019) |

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| Honors and Awards | <ul style="list-style-type: none"> - Ranked 23 among 40000 (569 among more than 167000) in university entrance exam in Mathematics and Physics field. (2015) - Ranked 52 among 30000 (703 among more than 93000) in university entrance exam in English language field. (2015) - Selected as privileged student by National Organization of Educational Testing. (2015) - Member of Scientific Association of Mechanical Engineering, School of Mechanical Engineering, University of Tehran. (2016 - 2018) - Participate in National Physics Olympiad and get ranked in the first level during high school. (2014) - Participate in National Mathematics Olympiad and get ranked in the first level during high school. - Ranked 5th in National Student Astronomical Observation competition. (2013) |
| Workshops, Seminars and Contests | <ul style="list-style-type: none"> -Participate in the 3rd (2011) and the 4th (2013) Sharif National student contests, Sharif university of Technology. - Participate in the 3rd (2012), the 4th (2014) and the 5th (2016) TWAN international project workshops on Astronomy Photography, Zanjan, Iran. - Participate in the Messier Marathon (2017), Nojum magazine. - Participate in the International What If student competition, NASA. (2013) - Participate in the National Astronomy Seminar, Shahid Hasheminejad High School (NODET), Mashhad, Iran. (2012) |