Victor Dadfar

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Education	**High School Diploma** *Morris Hills High School, Rockaway, NJ*	*2010-2014*
	Bachelors of Science in Biomedical Engineering and Computer Science *Johns Hopkins University, Baltimore, MD*	*2014-2018 (Expected)*

Research	**Center for Bioengineering Design Team 12** *Various Biomedical Engineering Students* *Faculty Advisor: Dr. Robert Allen, Johns Hopkins University* • Design Team is tasked with creating a low-cost contraceptive implant training tool for developing countries	*2014-present*
	Engineering World Health Design Team - Programmer *Various EWH members, Johns Hopkins University* • Design Team is tasked with creating a low cost toco device to monitor a child during pregnancy and after birth	*2014-present*
	A Novel 3D Reconstruction System Using a Flexible Endoscope and a Laser (Paper Title) - Programmer *Graduate Student: Tae Soo Kim* *Faculty Advisor: Dr. Russell H. Taylor, Johns Hopkins University* • Writing a program to interpret and construct a 3D model through a series of images taken with an endoscope and attached laser	*2014-present*
	Predictive Insight on the Future of Computer Graphics (Paper Title) *Mentor: Mr. Micheal Bermel, Morris Hills High School* • Included research on many different algorithms and concepts that data to a visual output, led to experiments comparing the efficiency of certain algorithms against others • Conclusion came in the form of predictions on how the field will change in the future, led to a much deeper and fundamental understanding of Computer Graphics	*2011-2014*

Leadership	**President/Creator of HackerLab,** *Johns Hopkins University* • Computer Science interest group, teaches students how to program	*2014-present*
	Co-President/Creator of Junior Auxiliary, *St. Clare's Hospital in Denville* • Non-profit organization made up of healthcare volunteers benefiting the local community	*2012-present*

Service	**Refurbisher Volunteer,** *Bootup Baltimore* • Refurbish old desktops and laptops for use in the Baltimore Public School System	*2014-present*
	Team Leader Volunteer, *St. Clare's Hospital in Denville* • Recorded over 1200 hours in the last three years, with various volunteer awards	*2010-present*

Activities	**Extracurricular Activities,** *Johns Hopkins University* • Johns Hopkins Newsletter, Writer • Iranian Culture Society, Board member • Association for Computing Machinery, Member • Biomedical Engineering Society, Member	*2014-present*