## Victor Javid Dadfar <a href="mailto:vdadfar1@gmail.com">vdadfar1@gmail.com</a> <a href="mailto:www.javid.xyz">www.javid.xyz</a>

Education	Bachelor's of Science; Major in Biomedical Engineering, Minor in Computer Science Johns Hopkins University, Baltimore, MD  Dean's List (3.5 GPA or above) All Semesters	2014 - 2018
Skills	Languages: C/C++, Java, HTML/CSS/JavaScript, Objective-C, Python/CudaTools  Software Platforms: Eclipse, Matlab, Xcode, Arduino, Unity, Android Studio, Unix, Parse  Areas of Expertise: Web Development, Computer Graphics, UI Design  Summary: Leadership, Programming, Public Speaking, Research and Development	
Research	<ul> <li>Design Team - Center for Bioengineering Innovation and Design</li> <li>Faculty Advisor: Dr. Robert Allen, Johns Hopkins University</li> <li>Conducted over 400 user studies to target a solution landscape and product vision</li> <li>Working with a committee of experts in the field of IP Law, Health Informatics, and Software Engineering</li> <li>Developing a brand-new mobile/online platform to improve medication adherence for Coronary Artery Disease patients with physician verification</li> </ul>	Mar '16– present
	<ul> <li>Design Team - Engineering World Health         Team Leader         <ul> <li>Led a multidisciplinary team of engineers and pre-medicine students to conduct background research, prototype creation, and product testing</li> <li>Designing a low-cost labor monitor device for developing countries to preemptively alert mothers of possible complications and allow them to seek proper medical care in a timely manner</li> </ul> </li> </ul>	Nov '14- present
	<ul> <li>I-STAR Imaging Lab – Johns Hopkins Medicine Research Intern Faculty Advisor: Dr. Jeff Siewerdsen, Johns Hopkins Medicine</li> <li>Researched and tested a cutting-edge workflow for surgical tracking involving minimal marker contact while maintaining tracker accuracy</li> <li>Designed first-of-a-kind custom surgical tracking markers with unique three-dimensional shapes to be used in both infrared and radiographic tracking</li> </ul>	Jan '16- Sept '16
Work	Student Web Developer – Online Research and Internship Database (ORID)  Advisor: Dr. Eileen Haase, Johns Hopkins Department of Biomedical Engineering  • Developing an intuitive searchable and scalable database of research positions accessible to Hopkins students, allowing them to browse and apply for available positions instantly	Jul '16– present
	Course Assistant – Introduction to Programming Professor: Mrs. Joanne Selinski, Johns Hopkins Department of Computer Science	Sept '15- present
Projects	<ul> <li>Adaptive Object Detection Algorithm, Modeling and Design Team</li> <li>Tasked with developing a solution to record and track positions of objects for the duration of a video clip</li> <li>Wrote an algorithm to automate the process by detecting objects with unique identifiers and adapt as object motion fluctuated</li> </ul>	Dec '14
	<ul> <li>Distribution Platform for Project Ideas, Medhacks Hackathon</li> <li>Tasked with designing and developing a centralized platform for hackathon project ideas</li> <li>Created a scalable database solution, utilizing the Parse Server API and an intuitive design language</li> </ul>	Aug '16
Leadership	Design Team Leader, Engineering World Health Lead Software Developer, Medhacks Hackathon	

Founding President, Hackerlab