

# Victor Javid Dadfar

Personal portfolio: <http://javid.xyz>

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|------------|---|--------------------------------------|
| Education  | <b>Bachelors of Science; Double Major in Biomedical Engineering and Computer Science</b><br><i>Johns Hopkins University, Baltimore, MD – Grade Point Average: 3.66</i><br><i>Dean's List (3.5 GPA or above) All Semesters</i>   | <i>May 2018</i><br><i>(Expected)</i> |
|            | <b>High School Diploma</b><br><i>Morris Hills High School, Rockaway, NJ</i>   | <i>June 2014</i>                     |
| Skills     | <b>Languages:</b> C/C++, Java, HTML/JavaScript, Objective-C, Python, R<br><b>Software Platforms:</b> Eclipse, Matlab, Xcode, Arduino, Unity, Android Studio, Dreamweaver<br><b>Operating Systems:</b> Windows XP-10, Unix (Linux and OS X Yosemite/El Capitan)<br><b>Certifications:</b> Microsoft Office Specialist in Word, Excel, Powerpoint                                     |                                      |
| Work       | <b>Course Assistant – Introduction to Java</b><br><i>Professor: Mrs. Sara More, Johns Hopkins Department of Computer Science</i> <ul style="list-style-type: none"><li>Lead weekly lab sessions, grade homework and midterms, and hold office hours</li></ul>   | <i>Sept 2015–present</i>             |
|            | <b>Student Videographer</b><br><i>Advisor: Mrs. Alexandra Leikin, Johns Hopkins Department of Undergraduate Admissions</i> <ul style="list-style-type: none"><li>Create videos for the admissions team, showcasing the beauty and charm of Hopkins and its diverse student body</li></ul>   | <i>Sept 2015–present</i>             |
| Research   | <b>I-STAR Imaging Lab – Johns Hopkins Medicine</b><br><i>Research Assistant– Programmer</i><br><i>Faculty Advisor: Dr. Jeff Siewerdsen, Johns Hopkins Medicine</i> <ul style="list-style-type: none"><li>Creating an autonomous algorithm to calculate the Cobb Angle or similar metric for spinal curvature automatically given just the patient's CT image</li></ul>              | <i>Jan 2016–present</i>              |
|            | <b>Neuropathology Lab – Johns Hopkins Medicine</b><br><i>Research Assistant– Programmer</i><br><i>Faculty Advisor: Dr. David Nauen, Johns Hopkins Medicine</i> <ul style="list-style-type: none"><li>Analyzing DNA and RNA sequencing data from human cells with and without epilepsy to determine if the expression of certain genes causes said phenomenon</li></ul>              | <i>Sept 2015–Jan 2016</i>            |
|            | <b>Tocodynamometer and Fetal Heart Rate Monitor – Engineering World Health</b><br><i>Team Leader – Programmer</i> <ul style="list-style-type: none"><li>Designing a low cost toco device to monitor a child during pregnancy and after birth using an Arduino and various sound processing algorithms on a smartphone</li></ul>   | <i>Nov 2014–present</i>              |
|            | <b>CITT Kit Design Team – Center for Bioengineering Innovation and Design</b><br><i>Research Assistant</i><br><i>Faculty Advisor: Dr. Robert Allen, Johns Hopkins University</i> <ul style="list-style-type: none"><li>Conceived a low-cost modular contraceptive implant training tool for developing countries, named “CITT Kit”, that can handle implants and removals</li></ul> | <i>Nov 2014–May 2015</i>             |
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| Leadership | <b>Founding President of HackerLab, Johns Hopkins University</b>  | <i>Oct 2014–present</i>              |
|            | <b>Founding Co-President of Junior Auxiliary, St. Clare's Hospital</b>  | <i>June 2012–present</i>             |
| Service    | <b>Refurbisher Volunteer, Bootup Baltimore</b> <ul style="list-style-type: none"><li>Refurbish old desktops and laptops for use in the Baltimore Public School System</li></ul>   | <i>Sept 2014–present</i>             |
|            | <b>Team Leader Volunteer, St. Clare's Hospital</b> <ul style="list-style-type: none"><li>Gave over 1200 hours in the last three years with various volunteer awards</li></ul>   | <i>May 2010–present</i>              |
| Activities | <b>Extracurricular Activities, Johns Hopkins University</b> <ul style="list-style-type: none"><li>MedHacks Hackathon, Volunteer, November 2015</li><li>Black and Blue Jay, Writer, February 2015</li><li>Iranian Culture Society, Board Member, September 2014</li><li>Association for Computing Machinery, Member, September 2014</li></ul>  | <i>2014–present</i>                  |