

Jason Vazquez-Li

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EDUCATION	Clark University , Worcester, MA 01610 Bachelor of Arts in Computer Science with Economics Minor • Cumulative GPA: 3.06/4.00 Academic Honors and Rewards <ul style="list-style-type: none">• Nordson BUILDS Manufacturing Scholarship (2016)• Clark University Achievement Scholarship (2013)• City of Cambridge Scholarship (2013)	2013 – 2017
TECHNOLOGY SUMMARY	Languages: Java, C++, HTML, CSS, Javascript, PHP, SQL Framework and Tools: Git, Linux, OpenCV, Bootstrap, Node JS, Express JS, ReactJS	
RELEVANT WORK EXPERIENCE	Boston University, Department of Computer Science, Boston, MA Researcher Computer Vision <ul style="list-style-type: none">• Developed eye-controlled mouse replacement software with eye tracking algorithm for users with severe motion disability• Conducted experiments comparing eye-gaze controlled mouse pointing with and without Predictive Link• Results and paper accepted for conference presentation and publication by ACM• https://github.com/jasonvl/BGaze	Summer 2016
TECH PROJECTS	Music Sharing Social Network (Work in Progress) <ul style="list-style-type: none">• Apache hosted website which allow users to create an account (stored in a MySQL database) and share their favorite songs (stored using AWS S3) with friends• Users are able to add/delete other users from their network in addition to seeing songs uploaded by other users• Web Security protocols are followed by sanitizing input through hashing and salting GET and POST requests• Cookies and sessions used to store user information• Language(s) used: MySQL, PHP, HTML Tools: Amazon S3• https://github.com/jasonvl/Music-Sharing-Social-Network.git Image Uploading Web Service <ul style="list-style-type: none">• Client-server architecture conforming to RESTful principles• Website prompts user to upload an image, which is then persisted• Language(s) used: HTML, CSS, Javascript Tools: NodeJS, ExpressJS, Bootstrap• https://github.com/jasonvl/image-uploading-web-service Vehicle Detection and Counter <ul style="list-style-type: none">• Accurately detect vehicles from any video source using pre-trained Haar Cascade• System able to count number of vehicle(s) that passes through certain section + predict color of individual vehicle(s)• Language(s) used: C++ Framework: OpenCV• https://github.com/jasonvl/Vehicle-Detection Multi-Level 2D Style Game <ul style="list-style-type: none">• Worked in a medium size team using agile principles• Game featured multiple maps, characters and music• Language(s) used: Java Framework: libGDX• https://github.com/jasonvl/LibGDX-Game Personal Website <ul style="list-style-type: none">• Created personal website consisting of a blog and resume section• Website hosted using Github Pages - https://jasonvl.github.io/• Language(s) used: HTML, CSS Framework: Bootstrap• https://github.com/jasonvl/jasonvl.github.io	December 2017 August 2017 May 2017 April 2016 Summer 2015
OTHER WORK EXPERIENCE	Laboratory Assistant Clark University, Lasry Center for Bioscience Gallery Guide Harvard Museum of Natural History Office Assistant Lesley University Graduate School of Arts and Sciences Researcher City of Cambridge Mayor's Office	2013 – 2017 Summer 2014, 2015 Summer 2013 Summer 2012
SKILLS	Fluent in Chinese, Investment experience	