

# Jason Vazquez-Li

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<b>EDUCATION</b>	<b>Clark University</b> , Worcester, MA Bachelor of Arts in Computer Science with Economics Minor (3.1 GPA)  <b>Academic Honors and Rewards</b> <ul style="list-style-type: none"><li>• Nordson BUILDS Manufacturing Scholarship (2016)</li><li>• Clark University Achievement Scholarship (2013)</li><li>• City of Cambridge Scholarship (2013)</li></ul>	2013 – 2017
<b>TECHNOLOGY SUMMARY</b>	<b>Languages:</b> Java, SQL <b>Framework and Tools:</b> NodeJS, Linux, GIT, Docker, Google Protocol Buffer <b>Databases:</b> MySQL, MongoDB, Kafka <b>Architectures:</b> Microservices, REST, System Design <b>Software Methodologies:</b> Agile, Scrum	
<b>WORK EXPERIENCE</b>	<b>Booz Allen Hamilton</b> , Greater Boston, MA <b>Software Engineer</b> <ul style="list-style-type: none"><li>• Working on counter-drone project for government</li><li>• Write code to integrate data from multiple drone detection systems to a central Command &amp; Control system</li><li>• Work with pipeline team to allow code to be automatically pushed and shipped to clients</li><li>• Perform occasional bug fixes</li><li>• Language(s) used: Java, GIT    Tools: Junit testing, Protocol Buffers, Docker    Methodologies: Scrum</li></ul> <b>Jebbit</b> , Boston, MA <b>Junior Software Engineer</b> <ul style="list-style-type: none"><li>• Created analytics tool that periodically aggregated metrics on consumer activity, which is then stored in relational database for use by data science team</li><li>• Made UI changes to Jebbit's declared data platform to meet business demands</li><li>• Helped advocate for a shift to Microservices for future scalability needs</li><li>• Language(s) used: Ruby, Javascript, GIT    Tools: Rails, Ember, RSpec Testing    Database: PostgreSQL</li></ul> <b>Tata Consultancy Services</b> , Cincinnati, OH <b>Software Engineer Consultant - PricewaterhouseCoopers</b> <ul style="list-style-type: none"><li>• Created and managed microservice and corresponding relational database, containing information on procurement related item groups, items, item description, group owners, and item owners to provide RESTful API endpoints to front-end developers across multiple Scrum teams</li><li>• API endpoints allowed developers access to database entities, abstracting queries (done using Object-Relational Mapping)</li><li>• Maintained and updated microservice's database in both development, test, stage, and production environments</li><li>• Language(s) used: Javascript, Typescript, GIT    Tools: Node, Express, Sequelize (ORM for MySQL)    Database: MySQL, MongoDB    Methodologies: Scrum</li></ul> <b>Boston University</b> , Department of Computer Science, Boston, MA <b>Researcher Computer Vision Engineer</b> <ul style="list-style-type: none"><li>• Developed eye-controlled mouse replacement software with eye tracking algorithm for users with severe motion disability</li><li>• Conducted experiments comparing eye-gaze controlled mouse pointing with and without Predictive Link technology</li><li>• Results and paper accepted for conference presentation and publication by ACM</li><li>• Language(s) used: C++    Tools: Tobii EyeX API</li><li>• <a href="https://github.com/jasonvl/BGaze">https://github.com/jasonvl/BGaze</a></li></ul>	October 2019 - Current  June 2019 - September 2019  June 2018 - June 2019  Summer 2016
<b>TECH PROJECTS</b>	<b>Music Sharing Social Network (Personal Project)</b> <ul style="list-style-type: none"><li>• Apache hosted website which allow users to create an account (stored in MySQL database) and share their favorite songs (stored using AWS S3) with friends</li><li>• Users can add/delete other users from their network in addition to seeing songs uploaded by other users</li><li>• Web Security protocols are followed by sanitizing input through hashing and salting GET and POST requests</li><li>• Cookies and sessions used to store user information</li><li>• Language(s) used: MySQL, PHP, HTML    Tools: Amazon S3</li><li>• <a href="https://github.com/jasonvl/Music-Sharing-Social-Network.git">https://github.com/jasonvl/Music-Sharing-Social-Network.git</a></li></ul>	January 2018
<b>SKILLS</b>	Fluent in Chinese	