**Jonathan Damico**

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(310) 913-7582

**Education**

Currently Enrolled at [Harvard-Westlake High School](http://hw.com), Graduating Class of 2019

**Highlights of Qualifications**

* Programmer with background in automated robotics systems, image recognition, and logistics.
* Software Developer/Programmer with experience in front and backend infrastructure, mobile development, and web development.
* Sole Programmer of VEX Robotics team, Team 62 with experience in control theory and engineering.
* With regard to all the above, experience with team management and collaboration.

**Current Positions**

***Programmer at inVia Robotics, Robotics/E-Commerce Startup - Agoura Hills, CA***

June 2016 – Present

* Helped develop autonomous robots designed to pick and retrieve inventory from shelves in warehouses.
* Wrote several prototypes for subsystems handled the transfer of goods from the robot to a manual picker.
* Wrote and tested image recognition systems for discerning various items on shelves and for verifying that the correct items have been picked.
* Used Python, C++, Octave, OpenCV, Tensorflow, and Ubuntu.
* See more about inVia at [inviarobotics.com](http://inviarobotics.com)

***Programmer/Mentor for Robotics Teams Los Angeles, CA***

September 2013 – Present

* Sole programmer for teams VRC 62 and FRC 1148, mentored teams FTC 7155 and FTC 8965.
* Experience with control theory and control algorithms, as well as collaboration and engineering.
* Has qualified for state, national, and world championships with team 62.
* Maintains tournament status website to help team analyze during tournaments.
* See more at [hwmsrobotics.org](http://hwmsrobotics.org/)

***Software Developer for iHW on the Harvard-Westlake Technology Council, Los Angeles, CA***

September 2014 – Present

* Write code for the back and frontends of the Harvard-Westlake Scheduling App, iHW.
* Maintain and update backend database using PHP, MySQL, CSS, JavaScript, and HTML with Twig.
* Maintain and update frontend iOS app using Objective-C and CocoaPods.
* See more at [ihwapp.com](http://ihwapp.com/) and [hwtechcouncil.com](http://hwtechcouncil.com/)

***Tech Lead for Harvard-Westlake Inc., formerly Harvard-Westlake Startup Scramble, Incubator - Los Angeles, CA***

November 2013 – January 2015, November 2015 – present

* Co-founder of a six-day entrepreneurial incubator at Harvard-Westlake involving coaches, mentors, and keynote speakers.
* Provide tech support and deliver the school’s technology resources to speakers and mentors.
* Broadcast, mix audio, and coordinate events during conference.
* See more at [hwinc.co](http://hwinc.co)

**Past Experience**

***Junior Leader at Camp Dudley, Boys Summer Camp - Westport, NY***

July 2015 – August 2015

* Responsible for day to day leadership of young boys, with the aim of developing moral, personal, physical, and leadership skills in the spirit of fellowship and fun.
* Provided additional technical support to camp administration (web development and consulting).
* Member of theatre staff, worked on five shows across two venues and helped teach lighting and sound design to campers.
* See more about Camp Dudley at [campdudley.org](http://campdudley.org)

***Analyst for Double M Partners, Venture Capital Firm - Los Angeles, CA***

June 2015 – July 2015

* Used tools such as Excel, VBA, and Raw to produce visuals representing key aspects of various venture capital investment portfolios.
* Prepared fund performance reports for investors.
* See more at [doublempartners.com](http://www.doublempartners.com/)

**Summer Programs and Organizations**

* Participant at Internal Drive Technology summer programs for six years – Studied Java, Game Design in Unreal, and Robotics
* Attended Johns Hopkins Center for Talented Youth summer programs – Studied Statistics and Algebra.
* Attended Camp Dudley for four summers, NY, oldest boys camp in the United States.
* National Outdoor Leadership School (NOLS) Alumni class of 2015 – Completed a [28-day wilderness leadership training program](http://www.nols.edu/nolspro/custom_courses/camp_dudley.shtml) in the Wind River Mountain Range in Wyoming.

**Arts**

* Guitarist (8 years)
* Tenor Saxophonist for Harvard-Westlake Jazz Bands (2 Years)
* Clarinetist for Harvard-Westlake Concert Band, Co-Concertmaster (2 years)
* Lighting Design and Technical Theatre at Harvard-Westlake, Camp Dudley (2 Years)

**Teams (Athletic and Academic)**

* Fencer (Épée, 5 years) and Track and Field (3 years) for both Brentwood and Harvard-Westlake School
* Member of Harvard-Westlake Science Bowl Team (2 year)
* Member of Harvard-Westlake Debate Team (1 year)

**Personal Projects**

* Code, Websites, and Programs: <github.com/jononon>
* Website for comparing the cost of various ridesharing apps (such as Uber and Lyft): [jonathandamico.me/ridesharecompare](http://jonathandamico.me/ridesharecompare)
* Personal Website: [jonathandamico.me](http://jonathandamico.me/)

**Other**

* Dual-Citizen (United Kingdom and United States)
* Traveled around the world visiting 30 destinations in 11 countries over 99 days. See circleplanetearth.com

Updated September, 2016