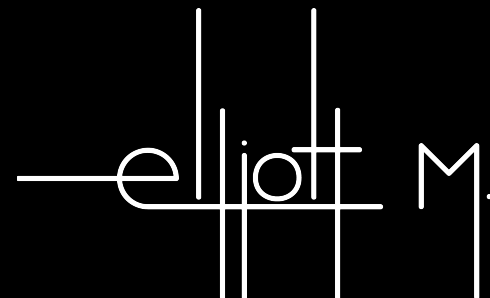Address:
229 Vassar St.
Cambridge, MA

Phone: 210.883.4335
Website: elliottmarquez.com
Email: me@elliottmarquez.com

Elliott A. Marquez

Education: **Massachusetts Institute of Technology (MIT)**   **Cambridge, MA**
Candidate for Bachelor of Science in Computer Science   June 2016
GPA: 4.4
Northside Health Careers High School   **San Antonio, TX**
GPA: 99.333   May 2012

Selected Classes Taken:

- Design and Analysis of Algorithms
- Software Studio
- Algorithms (& Data Structures)
- User Interface & Design
- Communicating with Mobile Technology
- Computational Photography
- Software Construction
- Intro to Artificial Intelligence
- Computational Architecture / Structures
- Mathematics for Computer Science

Skills: **Languages:**

- Java, Javascript, C++, C#, Python, Android Java, HTML, CSS, Closure, SQLite

Web:

- NodeJS, Django, Drupal, ExpressJS
- MongoDB, SQL, MySQL, SQLite
- AngularJs, Polymer

Other:

- Git, Mercurial, Google & Microsoft Proprietary VCs
- Linux, Windows, OS X
- Spanish (conversational), Latin

Experience: **Google - Play Books**   **Mtn. View, CA**

Software Developer Intern   May - Aug 2015

- Developed a full-stack application affecting thousands of book publishers and hundreds merchandisers.
- Collaborated with Googlers to carefully design every aspect of the application (front-end & back-end).
- Created a standard method of development for a new technology to be used by my team.

World Wide Web Consortium Undergraduate Research   **Cambridge, MA**

Undergraduate Researcher Software Developer Engineer   Sept - May 2015

- Developed new social applications that leveraged the new "CrossCloud" user information protocols.
- Solved new problems that arose with a decentralized user information system.
- Discovered and addressed structural and usability issues with the "CrossCloud" protocol.

Microsoft - Bing   **Bellevue, WA**

Intern   May – Aug 2014

- Took part in a 12 week summer program where I took the role of Software Developer and Product Manager.
- Designed and developed a new feature for Microsoft's Cortana which leveraged Bing's internal architecture and had a focus on human-phone interaction as well as driving profits.

MIT Media Lab Undergraduate Research   **Cambridge, MA**

Systems Developer & Software Engineer   Oct 2013-Jun 2014

- Created and implemented a daemon to create a completely new lighting control interface used for research.
- Developed a lighting controller in Unity to simulate research products of the Responsive Environments group.
- Created reliable C# & Java code to present research to sponsors and record essential research data.

MIT Information Services & Technology   **Cambridge, MA**

Student Consultant   Sept 2011 - pres.

- Collaborated with sys. admins to troubleshoot the problems of thousands in the MIT community.
- Interacted with clients on the phone and in person to help resolve their MIT computing issues.
- Trained over half of a dozen newly hired consultants in MIT's network configuration and infrastructure.