

Home:
2302 Town Gate Dr.,
San Antonio, TX 78238

Website: marquez.mit.edu

School:
229 Vassar St.
Cambridge, MA 02139

Phone: 210.883.4335

Elliott A.
Marquez

Email: marquez@mit.edu



Education: Massachusetts Institute of Technology (MIT)

Candidate for Bachelor of Science in Computer Science

GPA: 4.4

Northside Health Careers High School

GPA: 99.333

Selected Classes Taken:

- Design and Analysis of Algorithms
- Software Studio
- Algorithms (& Data Structures)
- User Interface & Design
- Communicating with Mobile Technology

Skills: Languages:

- Java, Javascript, C#, Python, HTML, CSS, Closure

Web:

- Javascript, HTML, CSS, Closure
- NodeJS, Django, Drupal, ExpressJS
- MongoDB, SQL, MySQL, SQLite
- AngularJs, Polymer

- Software Construction
- Intro to Artificial Intelligence
- Computational Architecture / Structures
- Mathematics for Computer Science
- Introduction to EECS I & II

Mobile:

- Android Java, Javascript, HTML, CSS, SQLite

Other:

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

Cambridge, MA

June 2016

San Antonio, TX

May 2012

Experience: Google - Play Books

Software Developer Intern

- Developing a full-stack application affecting thousands of book publishers and hundreds merchandisers.
- Collaborating with Googlers to carefully design every aspect of the application (front-end & back-end).
- Meaningfully contributing to a large, corporate codebase.

World Wide Web Consortium Undergraduate Research

Undergraduate Researcher Software Developer Engineer

- 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

Intern

- 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

Systems Developer & Software Engineer

- 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

Student Consultant

- 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.

Mtn. View, CA

May 2015 - pres.

Cambridge, MA

Sept - May 2015

Bellevue, WA

May - Aug 2014

Cambridge, MA

Oct 2013-Jun 2014

Cambridge, MA

Sept 2011 - pres.