

# Mauro Amarante Esparza

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## EDUCATION

ITESM – Monterrey  
B.S. Computer Science and Technology - Class of 2017  
Cumulative GPA: 93/100

## WORK EXPERIENCE

- October 2014 - Present **Board member of ACM Student Chapter at ITESM - Monterrey:**  
Future and current organization of the events:  
Facebook hackathon October 2014  
Top Tec programmer January - April 2015  
Hackathon 8 March 2015
- September 2014 - Present **INC Monterrey (Innovate. Network. Create)**  
Student volunteer in INC Monterrey
- September 2014 - Present **SISCTI (International Symposium on Computer Systems and Information Technology in Monterrey):**  
Organization of symposium, focusing on logistics preparations for the event
- January - October 2014 **ACM Student Chapter:**  
Student Volunteer in ACM activities
- January - April 2014 **ACM Programming Contest (Top Tec):**  
16th place in Top Tec programming contest

## MAJOR SCHOOL PROJECTS

- October 2014 **Facebook Hackathon:**  
App that simplifies the drive-thru system at Starbucks using Leap Motion technology. Developed by a team of 4. Responsible for the implementation of the Leap Motion device using Java.
- October 2013 **Facebook Hackathon:**  
Web app that aids students write late night essays by identifying repeated words or errors. Developed by a team of 4. Worked on the HTML and CSS development of the app, additionally implemented a flash animation using ActionScript. Moreover helped analyze JavaScript code for bugs.
- August - November 2013 **ITESM app prototype:**  
Prototype of a planned app for the university concerning the improvement of food services at the university. Developed by a team of 4 for an Interactive Design class. Responsible of all the prototype development using Xcode's storyboard feature and Objective-C.
- October - November 2013 **Portfolio:**  
Webpage that contains my personal information and projects. Developed individually, independently, using HTML and CSS.
- January - May 2013 **IB Computer Science Dossier:**  
Command line based application designed for the manipulation of inventory of a hardware store in Monterrey. Developed individually for IB Computer Science class using Java.

## TECHNICAL SKILLS

- Programming Languages: C/C++ 1.5 years | HTML 5 months | Actionscript 5 months | Objective-C 2 months  
Java 1.5 years | CSS 5 months | Arduino 4 months | Javascript 1 month
- Current courses: Analysis and Design of Algorithms and other non computer-science related courses
- Spoken languages: Spanish (fluent) Italian (basic)  
English (fluent) German (basic)

## AWARDS AND LEADERSHIP

- 2013 Recipient of Best Staff Award Filmmaker contest
- 2013 Recipient of CIEN Diploma (Business Immersion)
- 2013 Recipient of Student Development Award
- 2013 Recipient of IB Diploma Courses: Computer Science SL, Mathematics SL and Business and Management HL
- 2012 Recipient of Best Staff Award APEC contest