

Aleida Olvera

aleidaolvera@gmail.com | aleidaolvera.github.io | (956) 455-5391

Education:

Veterans Memorial Early College High School – GPA: 94.25 % (UW) 4.6977 (W)
STAMP Magnet Program: Engineering – Distinguished Diploma, AP Scholar, Top 5%

August 2012 – June 2016

Work Experience:

Patron – Startup

August – October 2015

Intern – User Interface and User Experience Designer (7 Hr/Wk)

- Created various web, mobile, and UI designs for launch of Patron website.

Cannon – Startup

June – October 2015

Mobile User Interface Designer

- Worked on mock user interface designs as well as icon designs for mobile application.

Volunteer Activities:

Young Broadway Actor News/Kids on Tour

July 2015 – Present

Graphic Designer (4 Hr/Wk)

Work to create banners, headshots, and various designs for YBAN/KOT website.

Vision Welding and Consultants

July 2015 - Present

Webmaster (72 Hours)

Developed, designed, and currently facilitate VWC website.

Leadership and Involvement:

Everybody Code Now! – Executive Team Member, Webmaster, & RGV: Director

Summer 2015 – Present

Currently working alongside this national non-profit to develop and facilitate programs to promote computing throughout the United States.

Technology Student Association – State Vice President, Chapter President

Summer 2015 – Present

Currently work alongside officer team to develop, coordinate, and facilitate various statewide conferences throughout 2015-2016 academic years.

WebValley Summer School – Front-End Development

Summer 2015

Participated in summer research program and worked to develop a web application used to analyze physiological data gathered from autistic patients.
One of six international students awarded scholarship to attend.

Intel International Science & Engineering Fair – Lead Programmer

Fall 2014 – Present

Lead developer of *SmartGuard*: a safety application that features a wristband, which enables users to alert others with an emergency message and location.

Business Professionals of America: Web Design Team – Lead Developer

Fall 2013 – Present

Led a team of 3 as lead developer for mock travel website that placed 1st in the region and 4th in Texas. National Alternate entry.

TSA: VEX Robotics – Head Programmer

Fall 2013 – Present

Developed remote control and autonomous algorithm that robot was to execute state competition. 2014 & 2015 Regional Champions; 2014 - 5th in Texas

Recent Honors and Awards:

ESA LOFT Video Game Innovation Challenge – National Fellow

(2015)

1 of 20 fellows invited to White House to present project. Received \$1,000 grant and exclusive invitation to attend E3 Convention in Los Angeles, California.

UTRGV: HESTEC Week – Distinguished Speaker Series: Latino in America Tour

(2015)

Only female and high school student on a student panel interviewed by Soledad O'Brien for the Latino in America Tour.

Intel International Science and Engineering Fair – Intel ISEF Finalist

(2015)

Regional Grand Champion Runner-Up; Texas 3rd in Computer Science;
US Naval Research Award; Excellence in Computer Science Award;
FBK Sponsored Award to Study at University of Trento in Italy

Technology Student Association – Software Development: State Champion

(2015)

National Center for Women & Information Technology – National Award Winner

(2015)

1 of 35 young women chosen as an Aspirations in Computing Award winner from an applicant pool of over 2,600. Selected as San Antonio Affiliate Winner and awarded Rackspace Scholarship of \$1,000.

Letter of Recognition for Work in Computing – Texas Senators

(2015)

Honors and Awards Continued:

- **Southeast Women in Computing Conference** – Student Scholarship Awardee (2015)
Received scholarship to attend conference held in Atlanta, Georgia at Georgia Institute of Technology.
- **Computing Alliance for Hispanic Serving Institutions** – Travel Grant Awardee (2015)
Only high school student selected to attend the CAHSI: Summit held in San Juan, Puerto Rico. The conference seeks to help Hispanic students to continue to excel in computing, as well as encourage others to be a part of STEM movement.

Technical Skills:

Programming: *Proficient:* HTML5, CSS3, Java; *Basic:* JavaScript, C++, Python: Django/Scientific

Applications: AutoCAD; Adobe – Dreamweaver, Illustrator, InDesign, Photoshop; Microsoft Office

Programs Attended:

- **WebValley Summer School** – *University of Trento, Italy* Summer 2015
- **Subiendo: Academy for Rising Leaders** – *University of Texas – Austin* Summer 2015
Subiendo works to prepare tomorrow's leaders, by hearing from speakers and participating in communications workshops, learning networking skills, and mentorship with community and business leaders.
- **Governor's Science and Technology Champions Academy** – *Texas A&M* Summer 2015
The STEM Champions camp, a partnership of the Texas Workforce Commission and Texas A&M University, invites winners of the Texas Science and Engineering Fair to experience college first hand.
- **Astronomy Ambassadors Academy** – *University of Texas – Brownsville* Summer 2014
The University of Texas at Brownsville Astronomy Ambassadors program gives students hands-on experience in fields of physics and astronomy.
- **Summer Engineering Adventure Academy** – *University of Texas – Brownsville* Summer 2014
The SEA program is a one-week engineering immersion camp for high school students. Students worked on "brain" challenges, designed, built and competed with remote operated underwater vehicles and VEX robots.
- **State Leadership Conference** – *Texas Technology Student Association* Winter 2012 – 2015
Set on campgrounds of Kerrville, Texas, the Fall Leadership Conference aids students in building their legacy through engaging, student-led sessions.

Other Extracurricular Activities:

Membership – National Center for Women and Information Technology, Intel ISEF Alum, Technology Student Association, Business Professionals of America, National Honor Society, STARGATE, Ventures Scholar, TECHNOLOchicas, Hispanic Heritage Foundation Innovator, Latinos on Fast Track Network