

Aleida Olvera

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

Education:

Veterans Memorial Early College High School

August 2012 – June 2016

STAMP Magnet Program: Engineering – Distinguished Diploma, AP Scholar

GPA: 94.3056 % (UW) 4.5 (W)

Work Experience:

Patron – Startup

August 2015 – Present

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

Cannon – Startup

June 2015 – Present

Mobile User Interface Designer

- Worked on mock user interface designs as well as various icon designs for mobile application. Created logo to be used for 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**

Summer 2015 - Present

Webmaster (72 Hours)

Developed, designed, and currently facilitate VWC website.

Technical Skills:

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

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

Leadership and Involvement:

• **Everybody Code Now! – Executive Team Member & SparkIT: 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**

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 and was head 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:

• **NCWIT: Aspirations in Computing – National & Regional Affiliate Winner**

(2015)

• **Computing Alliance for Hispanic Serving Institutions – Travel Grant Awardee**

(2015)

• **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

• **UTRGV: HESTEC Week – Latino in America Tour Panel**

(2015)

Only female and high school student on a STEM panel with two other college students interviewed by Soledad O'Brien for her Latino in America Tour.

• **Technology Student Association – Software Development: State Champions**

(2015)

Programs Attended:

- **WebValley Summer School** – *University of Trento, Italy* Summer 2015
- **Subiendo: Academy for Rising Leaders** – *University of Texas – Austin* Summer 2015
Subiendo was created 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 was 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 strives to aid students in building their legacy through engaging, student-led breakout sessions.

Other Extracurricular Activities:

Membership – NCWIT, Intel ISEF Alum, Technology Student Association, Business Professionals of America, National Honor Society, STARGATE, Ventures Scholar