

I create solutions. When I need to employ my insatiable desire to learn, distill patterns from a complex whole, or lead a leaderless room to solve problems, I do. Give me your problems—I'll solve them.

Marisa Smith

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PROFESSIONAL EXPERIENCE

Skillpoint Alliance

June–August 2014

STEM PROGRAM FACILITATOR

Mentored middle school and high school girls. Created curriculum. Communicated with clients and speakers. Organized site visits. Mediated when necessary.

Smallworks

Summer 2013

ENGINEERING INTERN

Built a 3D printer. Created base code for workplace RFID access system in Python, involving an Arduino. Assembled and wired a quadcopter.

ACTIVITIES&POSITIONS

FIRST Robotics

2013–Present

VOLUNTEER

Worked over 120 hours as a scorekeeper, referee, team queuer, and judge.

Honors College Club Theatre

2014–Present

LIGHTING AND SOUND TECHNICIAN

Also webmaster and playbill designer.

PrimeParadigm.Me

October 2014–Present

WEBMASTER

Designer, writer, and maintainer of personal website. Written in HTML and CSS.

LASA Robotics

2011–2013

DIR.OF TEAM EVENTS AND OUTREACH

Led a group of 25 high-schoolers. Organized event logistics. Coordinated with parents and venues. Encouraged elementary-aged children to pursue STEM interests through educational camps using NXTs. Designed robots. Wrote essays and business plans.

STAC*

2011–2013

TECHNICIAN

Fixed high school student and staff technology. Imaged and reimaged computers. Installed software. *Student Technology Administrative Council

EDUCATION

University of Houston, Houston TX

Honors College

Major | Computer Science

Graduation: December 2017

GPA: 3.0

Liberal Arts and Science Academy, Austin TX

Magnet School

2009–2013

GPA: 2.9

SOFTWARE&LANGUAGES

PYTHON

MATLAB

C++

HTML

CSS

INDESIGN

PHOTOSHOP

MS OFFICE

SKILLS

Programming version control
command line

Biological cell passaging
working in a fume hood
pipetting

Designing freehand drawing
spacial visualization

Electrical soldering