

JOSEPH BROWN

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EDUATION

Crescenta Valley HS

HS Diploma *GPA: 4.0*

La Crescenta, CA

August 2015 - June 2019

University of California, Riverside

BS Electrical Engineering

Riverside, CA

September 2019 - Present

EXPERIENCE

ParkPlus CA

CAD Intern

Sun Valley, CA

June 2017 - August 2017

- Used AutoCAD to maximize space in automated and high density parking solutions for clients.

SimpleLayers, Inc

Assistant Developer

La Crescenta, CA

June 2018 - August 2018

- Worked with other developers on a geographic information system for organizing and delivering information pertaining to a user's local agencies and community organizations.

SoCalShredz

Web Designer

La Canada Flintridge, CA

September 2018 - August 2019

- Delivered services as the web developer, designer, application specialist and webmaster, acting as project manager for the transition. Conceptualized, planned and executed designs for a wide range of website properties using Bootstrap 4.3, HTML, and CSS.

ARKS: Self Driving Warehouse Carts

Mechatronics Engineering Intern

Riverside, CA

September 2019 - Present

SKILLS

Object Oriented Programming:	Java, Python, C#, C++
Web Development:	HTML, CSS, Bootstrap
Fabrication:	MIG/TIG/Arc/Oxyacetylene Welding, Aluminum, Steel work, CAD
Leadership:	Years in leadership in the Boy Scouts and my HS Robotics team
French:	

PROJECTS

Team Data Software Java

<https://github.com/jbrown3859/AutoScout>

<https://github.com/jbrown3859/Attendance-Software>

Developed software to track attendance of 100+ robotics team members, and to analyze tournament scores and organize data on other FRC teams

Electric Longboard Power and Signal Management, C++, Arduino

<https://github.com/jbrown3859/Electric-Longboard-Conversion>

Designed and refined a budget kit for retrofitting skateboards with electric drive

AWARDS

Eagle Scout

2018

Arshak Award

FRC 589

June 2019

Le Grand Concours

Competed and placed in the 30th percentile in a nationwide French literacy competition

April 2018