

# JOSEPH BROWN

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## EDUATION

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### **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

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### **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

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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

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### **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 and wireless control

## AWARDS

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### **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