

JOSEPH BROWN

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EDUCATION

University of California, Riverside
BS Electrical Engineering GPA: 3.8

Riverside, CA
September 2019 - June 2023

Crescenta Valley HS
HS Diploma GPA: 4.0

La Crescenta, CA
August 2015 - June 2019

4.0 is great,
but no one
will look at
high school
diploma better
to expand other
experience

EXPERIENCE

ARKS: Self Driving Warehouse Carts
Mechatronics Engineering Intern

Riverside, CA
September 2019 - Present

- Working to develop and refine warehouse automation technologies.

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.

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.

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.

SKILLS

Object Oriented Programming:	Java (3 years), Python (1 year), C# (1 year), C++ (2 years)
Web Development:	Limited frontend and backend experience
Fabrication:	Welding, Aluminum, Steel work, AutoDesk Inventor, Solidworks
Operating Systems:	*nix file systems, Windows 10
Leadership:	Years in leadership in the Boy Scouts and FRC 589
French:	Limited Working Proficiency

PROJECTS

Team Data Software Java, Apache POI *consider full URL, ← /jbrown3859/AutoScout*

- Developed software to track attendance of 100+ robotics team members, and to analyze tournament scores and organize data on other FRC teams *most people won't see the github URL above + won't know what to do w/ this link*

Electric Longboard Power and Signal Systems C++ */jbrown3859/Electric-Longboard-Conversion*

- Designed and refined a budget kit for retrofitting skateboards with electric drive and wireless control. Android app for Bluetooth throttle control in development *most wiring managers will think \$4 when they see "budget." probably want to change this wording.*

FRC 589 CAD, Java, Metal Work, Welding

- Worked alongside other team members to design and build a competition robot in 6 weeks.
→ list what you did - what parts of the system you worked on, your contributions

AWARDS

Eagle Scout

Troop 319
2018

Arshak Award

FRC 589
June 2019

Le Grand Concours

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

CVHS
April 2018

list
actual
contributions,
tech you
work with

list
the
section
next -
flows
more
naturally, +
it's more
interesting