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# Jordan Réjaud

## Software Engineer

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## PROFESSIONAL EXPERIENCE

Visit [www.studiocorsair.com/portfolio](http://www.studiocorsair.com/portfolio) to see the rest of my software portfolio.

### **Studio Corsair, San Francisco CA** - *Software Engineering Consultant*

2016 - PRESENT

- Build software (and sometimes hardware) for startups in the Bay Area and beyond.
- Specialize in Mobile (Android and iOS) and Backend Software architecture and development.

#### ***Clients include:***

##### Nuro Robotics and AI Startup

- Nuro is still in "semi-stealth" modes so I can't divulge specifics of my work with them, but I architected and developed a mobile application and backend related to autonomous vehicles.

##### Skycatch Drone Image Processing Platform

- Developed Beta Android app to autonomously control a drone and capture photos to be converted into a 3D model.

##### Fuze Play The World's First Hackable Frisbee

- Developed C++ Firmware and ScratchX Extension for "hackable" Frisbee games to teach children the basics of programming.

##### Hawkin Dynamics Wireless Force Plates for Teams

- Architected and Developed Tablet App and Backend Server; Tablet app uses a Wifi-Direct connection to stream data from force plates and runs local calculations to quantify an athlete's biomechanical performance.

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## **Onfleet, San Francisco CA** - *Software Engineer*

2015 - 2016

- Led Mobile Engineering of Android and iOS apps that allow Onfleet drivers to make on-demand deliveries
- Managed development and support of mobile apps
- Rewrote Android and iOS app's UI and logic to follow modern mobile standards

## **USAA, San Antonio TX** - *Research Engineer*

2013 - 2015

- Research Engineer at USAA's Innovation Lab
- Won "TrailBlazer" award at internal hackathon for developing a wireless backup sensor for automobiles
- I researched and developed software (and hardware) solutions to benefit USAA and its membership
- Areas of research: Internet of Things, Telematics, Drones, ATMs

## **SOFTWARE SKILLS/ LANGUAGES**

### **Experienced**

Android/ Android Wear (Java), Javascript, Node.js, Python

### **Intermediate**

iOS (Objective C, Swift), C++

## **HARDWARE SKILLS**

Visit [hackaday.io/projects/hacker/94275](http://hackaday.io/projects/hacker/94275) to see my hardware portfolio.

AVR Development (AVR-C, Arduino)

Embedded Systems Development (Circuit Design, Soldering, ect.)

3D Modeling/ Printing, Laser Cutting, Injection Molding

## **EDUCATION**

### **Carnegie Mellon University** - *M.S. Mechanical Engineering*

2012 - 2013

Specialized in Mechatronics and Robotics

### **Lehigh University** - *B.S. Mechanical Engineering, High Honors*

2008 - 2012

Minors in Anthropology, Aerospace Engineering, and Business