

# JACKSON CARTER

San Francisco, CA  
415.378.0803  
[jcarter0803@gmail.com](mailto:jcarter0803@gmail.com)

GitHub:  
[github.com/JacksonRMC](https://github.com/JacksonRMC)

LinkedIn:  
[linkedin.com/in/jackson-carter](https://linkedin.com/in/jackson-carter)

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## ⇒ LANGUAGES AND TECHNOLOGIES

- **Expert:** Rust, Smart Contracts, Solidity, Polkadot Ecosystem, Cryptography, Blockchain, TypeScript  
Python JavaScript (ES6), HTML5, CSS3, Jest, Nightwatch, Enzyme, Electrode, HapiJS, NodeJS, Git

## ⇒ PROFESSIONAL ACHIEVEMENTS

### Walmart Grocery Mobile Application Post Transaction | Lead Engineer

*Migrated post transaction application for mobile application for Walmart Grocery*

- Architected the system design and lead 11 mobile engineers to completion of post transaction app
- **Leveraged native technologies Swift, Java and React Native to optimize Payment, Reservation and Checkout applications as unreleased features**
- 10,000 lines of source code committed and ready for deployment in time frame set forth for initiative
- **Code capable of handling 30,000 orders per minute with orders exceeding 850 million per year**

### Walmart Grocery InHome | Software Engineer

*Built out membership application for participating stores for Q4 2019*

- Mapping service responses across multiple applications to enable InHome membership services
- **Built out back end services on mock server to model membership for internal development**
- 497 member sign ups in first 24 hours of deployment of service, over 10,000 in first month

## ⇒ EXPERIENCE

### Blockchain Engineer | Polkadot Blockchain Academy | UC Berkeley

2023

- **Smart Contract & Blockchain Engineering Course 400+ hours in Polkadot Ecosystem**
- Developed distributed system for digital creators to collaborate across Immersive Sculptures and Experiential Art Installations

### Co-Founder | JT Labs LLC | San Francisco CA

2020 - Present

- **Smart Contract & Blockchain Engineering Consultant**
- Immersive artist and experiential designer for large scale sculptures Unfolding Humanity (Honorarium) & Eukaryote Co Creator Burning Man featured pieces

### Software Engineer III | @WalmartLabs | Sunnyvale CA

2018 - 2023

- **Lead engineer on quarterly initiatives with end to end ownership**
- Lead Engineer for bookslot, merged slot and alcohol restrictions (as noted above)
- Maintain and publish libraries in open source web platform Electrode and Electrode Native
- Lead ADA Compliance initiative to increase accessibility across entire site **from 62% to 96%**

### Software Engineer II | WalmartLabs | Sunnyvale CA

2017-2018

- Built out scalable features capable of **sustaining 43,000 orders per minute** using React+Redux framework (Electrode)

## ⇒ EDUCATION

### University of California, B.A.

- **Minor: Computer Music (C++)**

2014

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