

Ian Wallis McEachern

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Skills

Full-stack web & native app development and general programming. Practical hardware, electric wizard. Cheerful and hardworking, excellent interpersonal and communication skills, including formal presentations.

Education

University of California, Santa Cruz

Santa Cruz, Ca — 2006-2011

B.S.: Computer Engineering (Networks) **Minor:** Astrophysics

Experience

Consultant

Oakland, Ca — 2016-Present

- Developing full stack web and native applications specializing in real-time data flow (Node.js, Meteor.js, React, React-Native, GraphQL, Docker, BLE, git)

PolySign

Front End Engineer

Oakland, Ca — 2019-2020

- Developed front end ecosystem for institutional cryptocurrency custody solution (React, React-Native, Redux, Apollo, Jest, TestCafe, TypeScript)
- Drove adoption of GraphQL for dataflow from microservices
- Significantly expanded core integration tests

Pickle Tech

Co-Founder

Oakland, Ca — 2014-2016

- Generalized crowdsourcing timelapses via transparent overlay
- Sole developer and designer of geopickle.com and iOS/Android apps (Meteor.js, Cordova, Blaze, APIs)

Terra Eclipse

Javascript Developer

Santa Cruz, Ca — 2013

- Responsible for architecture, development, and prototyping of next generation tools and integrating outside services with those tools (Node.js, Backbone.js, real-time APIs)

Tndrbox

Co-Founder

Oakland, Ca — 2011-2013

- Sole developer and co-designer of geolocated digital events board (AWS, LAMP, APIs)

Cisco Systems

SPMT Business Operations - Intern

San Jose, Ca — 2009-2011

- Redesigned and updated team websites (HTML, CSS, JavaScript)
- Created and managed wikis (Collaboratory)
- Used Portfolio & Project Management software and learned best practices

Power Standards Lab

Hardware & Software Technician

Alameda, Ca — 2005-2008

- Constructed unique electrostatic discharge gun
- Designed and built encapsulation for the CT4 module high potential test
- Math published as part of IEC Standard 61000-4-34
- Modified powerstandards.com to accept credit card transactions