

# Ian Wallis McEachern

E: [contact@ianmceachern.com](mailto:contact@ianmceachern.com)



## Exposé

Full-stack web/native app development and general programming. Practical hardware, electric wizard. Captain of the Varsity Golf team *and* Thespian of the Year as a senior at Head Royce School. 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 end to end 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