Ian Wallis McEachern

E: 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

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

Self-Employed

Consultant — Oakland, Ca — 2016-2019

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

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