Ian Wallis McEachern

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IM

Education

University of California, Santa Cruz
Santa Cruz, Ca — 2006-2011
B.S.: Computer Engineering; **Minor:** Astrophysics

Experience

Terra Eclipse

Consultant
Oakland, Ca — 2014-Present
Javascript Developer
Santa Cruz, Ca — 2013
- Responsible for:
    - Architecture, development, and prototyping of next generation tools
    - Integrating outside services with those tools
- Developed tools with:
    - Node.js, Backbone.js, real-time APIs

Tndrbox

Co-Founder
Oakland, Ca — 2011-2013
- Created full stack of tndrbox.com
    - Utilized AWS, LAMP, html, css, js, APIs, git, google
    - Co-designed UX & UI

Cisco Systems

SPMT Business Operations - Intern
San Jose, Ca — 2009-2011
- Redesigned and updated team websites (html, css, js)
- Created and managed wikis (collaboratory)
- Used Portfolio & Project Management software and learned best practices

Power Standards Lab

Hardware & Software Technician
Alameda, Ca — 2005-2008
- Coded numerous programs including:
    - Controlling an OLED display and GPS module with a microprocessor
    - Performing power systems harmonic analysis on waveform data
    - Updating the Power Quality Teaching Toy to support multiple languages
- 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

Skills

Web development and general programming. Practical hardware, electric wizard. Strong interpersonal and communication skills, including presentations.