

John Taylor Torrence

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Detail-driven with educational background in physics and computer science. Adept at learning and applying new skills, performing multiple tasks, and working well under pressure.

Applications Built

My Response When - Full stack developer

A quick and fun way to add your response to the day's news and share it with the world.

HTML5, CSS3, jQuery, Google Firebase, OAuth2, github.io.

<https://torrencj.github.io/My-Reaction-When/>

It's A GO - Back end developer

All in one trip and travel plans for groups with integrated cost sharing.

MySQL, Sequelize, jQuery, Handlebars, Stripe API, Heroku

<https://itsa-go.herokuapp.com/>

Siri Clone - Full stack developer

Parse natural language requests from users for music, movies, twitter, and more. Uses Google cloud compute, jQuery, machine learning, and materialize.

<https://torrencj.github.io/Liri/>

Education

University of Texas, Austin, TX — Full Stack Software Development Program

July 2017 - November 2017

A three-month intensive certificate program focusing on HTML5, CSS3, Bootstrap, JavaScript, jQuery, Responsive Design, Databases, Node.js, Express.js, MySQL, MongoDB, Handlebars.js, React.js, Git, Heroku, User Authentication, and Computer Science Fundamentals.

Portland State University, Portland, OR — BS, Physics

August 2011 - June 2013

Degree includes classes in computational physics, high performance computing, and CS fundamentals. Studied new ways to simulate dielectric breakdown in a capacitor, gravitational wave simulations in Python and Matlab.

Employment

Freelance, Austin, TX — Full Stack Web Developer

November 2017 - Present

- JavaScript front and backend development: Node.js, Express.js, React.js, jQuery, etc.
- Mobile-First / Mobile Responsive Designs with Cross-browser Compatibility
- Front-end frameworks: Bootstrap, Materialize/Material UI, etc.
- Database Management: SQL (MySQL), NoSQL (MongoDB), and Cloud Storage.
- User Authentication and Authorization
- RESTful API development
- Amazon Web Services (AWS), Heroku, and other Cloud Services

Intel, Portland, OR — Manufacturing Technician

June 2014 - March 2016

- Operated, maintained, and repaired specialized processing equipment in a clean room environment.
- Responsible for a complete understanding of all processes at work in 14nm Fab Planar module, worked closely with engineering teams to design and test of new processes.
- Software superuser, responsible for providing training and oversight for new software deployments.
- Safety team co-chair, led monthly meetings to raise awareness of safety incidents and current best practices, investigated root cause of injuries and recommended solutions, coached peers in chemical storage, PPE, and procedures.

Free Geek, Portland, OR — Thrift Store Staff Member

August 2010 - May 2011

- Provided cheerful customer service while solving challenging technical problems in a demanding environment.
- Performed regular maintenance and new computer setup for staff, volunteers, and customers.
- Trained volunteers in troubleshooting and repair procedures.
- Represented the organization online via multiple platforms.