



Sean M. Goodrich

Los Angeles, CA • (818) 601-1080

smgoodrich.com
sean@smgoodrich.com
[smgood](https://github.com/smgood)
[smgoodrich](https://www.linkedin.com/in/smgoodrich)

EXPERIENCE

Oct 2015 – Current
Manhattan Beach, CA

ClickTripz, LLC
Junior Software Engineer

- Write backend code on a server that is one of the top 5000 most trafficked sites in the world
- Projects include creating deep links, an agile project manager, and a display of machine learning information

Jul 2014 - Aug 2014
Culver City, CA

Woven Digital
Paid Intern – Ad Technology Assistant

- Create primary content management system (CMS) for digital publishing company
- Customize CMS to streamline company marketing campaigns
- Assist in designing and developing custom takeover webpages

May 2013 - Jun 2013
La Mirada, CA

HSA & Associates
Paid Intern – Structural Engineer

- Review shop drawings and perform calculations to verify structural plans comply with appropriate codes and policies

RECENT PROJECTS

MarketU

Back End Engineer & UI Designer

- Develop cross platform app to serve as a marketplace tailored to the needs of Michigan students
- Manage MySQL database and PHP processes
- Create assets, animations, and marketing material

DrumCircle

Unity Engineer

- Develop music-making application that implements virtual reality and natural hand gestures to improve conceptual model over current digital audio workstations
- Build mechanic for using Thalmic Myo to pick up and place one of six instruments in the scene onto beats

EDUCATION

University of Michigan College of Engineering,
B.S.E. Computer Science
Graduation: April 2015

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Introduction to Databases
- User Interface Development
- Mobile App Dev for Entrepreneurs
- Computer Game Design
- Computer Vision

COMPUTER SKILLS

Operating systems:

Windows, Macintosh, Linux

Programming Languages:

C/C++, C#, Matlab, Qt, HTML5, CSS, JavaScript, jQuery, WebGL, PHP, AJAX, MySQL, JSON, Fortran

Tools:

Unity, Wordpress, Github, Arduino, MAMP, Microsoft Office, Adobe Creative Suite, Pivotal Tracker, SimaPro, RISA, Tecplot

Other:

Object-Oriented Programming, Technical Communications, Agile Methodologies, Civil Engineering, Sustainable Design, Graphic Design

INVOLVEMENT

Hacker Fund (Oct 2015 – Present)

Lead game dev and web dev workshops for K-12 Students at hackathons

Freelance Web Dev (Jul 2012 – Dec 2013)

Design sites for businesses and orgs such as City Paper Box Co and Divest & Invest

Divest and Invest (Sep 2012 – Aug 2013)

Cofound coalition of students, faculty, staff and alumni at UMICH dedicated to divestment of fossil fuel financial assets

Mar 2015 - Apr 2015
Ann Arbor, MI