chelsea**bridson**
software developer

about

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 chelsea.bridson.me
 git://seadb

languages
native english
basic spanish

programming

C/C++	●●●
C#	●
Python	●●
Javascript	●●●
CSS3	●●●
HTML5	●●●
Node	●●
Django	●●
jQuery	●●
React	●●●
Angular	●●●
Backbone	●
Knockout	●

volunteering

2016 Lansing Bike Co-op
2016 Room at the Inn Warming Center
2016 Food Gatherers
2015 Common Cycle
2014 MSU Women In Engineering
2013 EL Hot Yoga
2013 The Giving Tree Farm
2012 Ronald McDonald House Mid-Michigan

interests

user experience, single page applications, web design, infrastructure automation, biometrics, cyber security, computer graphics, environmentalism, localism, social justice, bicycling, henna

education

12–2015 **B.Sc.** in Computer Science **3.3/4.0**   MICHIGAN STATE UNIVERSITY
Computer Science & Engineering   College of Engineering
Dean's List, College of Engineering Scholarship

2015-2016 **Hacker Fellows**   HACKER FELLOWS
Fellowship which matches developer talent with Michigan startups and includes a 5-week entrepreneurship & coding bootcamp as well as a salary boost

experience

2015-2016 **Seelio**   FRONTEND DEVELOPER
  Skills Map

- Created a user-interface for the skills map, a feature designed to help students connect soft skills to past experiences and projects
- Researched and implemented **continuous integration & deployment**
- Adhered to Agile bi-weekly sprint planning sessions and daily Scrum meetings in order to reach project goals in a timely fashion

TOOLS: REACT, STYLUS, JADE, GULP, BROWSERIFY, DOCKER, GIT, AWS

2014-2015 **Global Observatory for Ecosystem Services**   SOFTWARE DEVELOPER
  Forest PLUS Measurement, **R**eporting, and **V**erification System

- Maintained a tool used to measure carbon sinks & calculate statistical biomass information to improve forest management
- Automated the parsing, reformatting & solving of a pdf list of 1,400 equations
- Created a LaTeX based filter to parse equations and display a readable format

TOOLS: DJANGO, ANGULARJS, GIT, GOOGLE MAPS API, BOOTSTRAP

2014-2015 **Capstone Team Quicken Loans**   PROJECT MANAGER
  Parking **A**llocation and **E**xpense **R**econciliation

- Developed the frontend of a system used by the Quicken Loans Parking Team to track parking expenses, and to recognize and resolve areas of over-billing
- Planned project time-line to ensure completion of project goals
- Allocated and communicated weekly development tasks to team members

TOOLS: C#, MICROSOFT SERVER, ASP.NET, & ANGULARJS, GIT