

# seabridson

software developer

## about

🏠 Lansing, MI  
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🔄 git://seadb

## languages

native english  
basic spanish

## programming

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

## volunteering

2016 🏠 Room at the Inn Warming Center  
2016 🍴 Food Gatherers  
2015 🚲 Common Cycle  
2014 📖 MSU Women In Engineering  
2013 🧘 EL Hot Yoga  
2013 🌿 CBI's 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

## 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** best practices, including automated testing and infrastructure automation  
• Collaborated with a design team to create software solutions  
**TOOLS: REACT, STYLUS, JADE, GULP, BROWSERIFY, DOCKER, GIT, AWS**

2014-2015    **Global Observatory for Ecosystem Services**    SOFTWARE DEVELOPER  
🌿 **Forest PLUS** Measurement, Reporting, and Verification System  
• Developed the MRV System, 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  
**TOOLS: DJANGO, ANGULARJS, GIT, GOOGLE MAPS API, BOOTSTRAP**

2014-2015    **Capstone Team Quicken Loans**    PROJECT MANAGER  
🚗 **Parking Allocation and Expense Reconciliation**  
• Developed 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 including project goals and ensured design, functionality, and technical requirements would be met on time  
• Allocated and communicated weekly development tasks to team members  
**TOOLS: C#, MICROSOFT SERVER, ASP.NET, & ANGULARJS, GIT**