

BRIAN S. SOE



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SKILLS

Python	3 years
Django	
Flask	
Javascript	3 years
Node.js / Meteor.js	
React.js	
jQuery	
Firebase	
MongoDB	
Grunt.js	
Java	3 years
Ruby	1 year
Ruby on Rails	
Sinatra	
HTML5	4 years
CSS3	3 years
SASS / SCSS	
Bootstrap	
PHP	< 1 year
C / C++	< 1 year
Go / Golang	< 1 year
PostgreSQL	< 1 year

TOOLS

Git + Github	3 years
Linux + UNIX	3 years
Trello	1 year
Jira	< 1 year





UX / UI DESIGN

Usability Evaluation
Information Architecture
Wireframing
Prototyping
A/B Testing

METHODOLOGIES

Agile (SCRUM)
Behavior Driven Development
Test Driven Development

FOLLOW ME

 <http://linkedin.com/in/bsoe003>
 <http://github.com/bsoe003>
 <http://twitter.com/bsoe003>
 <http://pinterest.com/bsoe003>

EDUCATION

University of California, San Diego Expected Graduation @ Dec 2016
B.S. Computer Science • Cognitive Science minor
GPA: 3.62 • Provost Honors • Phi Beta Kappa Honor Society
Coursework: Web Development, HCI Design, UI/UX, and Ubiquitous Computing

WORK EXPERIENCE

UCSD Design Lab June 2016 – Current
Research Assistant
• Developing a full-stack web application for online learning research.

Ooyala June 2015 – September 2015
Software Engineering Intern
• Developed scripts for video streaming encryption. Currently in production.
• Initiated a server-side component of company's new video streaming service.
• Used tools such as Ruby with Chef, Azure, AWS, and Adobe Access.

ViaSat Inc. June 2014 – September 2014
Software Engineering Intern
• Improved the company's Selenium QA scripts by approximately 50%.
• Used tools such as Selenium and Appium for user interface testing.

The Salk Institute August 2013 – November 2013
Bioinformatics Intern
• Developed sequencing scripts with Python for genetics laboratory.

UCSD CSE Department April 2013 – June 2016
Undergraduate Teaching Assistant
• Assisted following courses: Java, Data Structures, HCI, and Web Programming.
• Led discussions and lectures for above courses.
• Created automated grading scripts with Python.

RECENT PROJECTS

Sherry <http://diplateevo.com/portfolio/sherry>
Tools: Meteor.js, Particle Core, Google Hangout API
Roles: UI Design, Server-Side Development, API Management

BullionTracker <https://134b-dreamteam.firebaseio.com>
Tools: Firebase, jQuery, SASS/SCSS
Roles: UI Design, Server-Side Development, API Management

Muir Woods Coffee House <http://noslp-mwch.herokuapp.com>
Tools: Flask, PostgreSQL, SASS/SCSS, jQuery
Roles: UI Design, Server-Side, and Database Development

Podcats
Tools: Node.js, Express.js, Handlebars, MongoDB
Roles: UI Design, Server-Side, and Database Development

LEADERSHIP

Project Line Manager @ BlueJay (Advanced Software Engineering course)
• Managed the sub-team of approximately 30 student front-end developers.
• Drafted user stories and prioritized team's task.

Social Activities Chair @ Computer Science & Engineering Society
• Planned various social events for computer science community at UCSD.

Website Coordinator @ Warren College Student Council
• Administered and updated the organization's website.