

# BRIAN S. SOE



EMAIL: [brian.soe003@gmail.com](mailto:brian.soe003@gmail.com) • PHONE: (816) 830-5852 • WEBSITE: <http://briansoe.com>

## 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 – September 2016

### 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 runtime of ViaSat'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 and Database Development

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.