

# JOSH WEIN

SOFTWARE DEVELOPER

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## PROGRAMMING SKILLS

### Languages

Java, C, HTML/CSS, Javascript, PHP, SQL, Python

### Frameworks

Spring, Maven, Ivy, Bootstrap, Typescript, ReactJS

### Tools

Sublime Text, IntelliJ, Netbeans, Eclipse, Linux Administration, Git, Subversion, REST

## EDUCATION

### Stony Brook University

B.S. Computer Science

Expected Graduation: May 2017

3.7 GPA

Deans List: Fall 2013 - Fall 2016

### Coursework

Java, C, Data Structures, Design Patterns, Algorithms, Cloud Computing, System Architecture, Multi-threaded Programming, Operating Systems, Natural Language Processing.

## PROJECTS

### Muse - Cloud Computing Project

Javascript, HTML5 Canvas, HowlerJS, NodesJS, Socket.IO

Real-time multiplayer music experience with mouse controls and built in chat. - <http://goo.gl/wPMhbR>

### Wiki - Cloud Computing Project

HTML, CSS, Bootstrap, Javascript, PHP, RabbitMQ, MongoDB

User editable wiki built on a 15 server fully scalable setup with REST API support.

### International Klein Blue Life

Javascript/Typescript, Firebase, Phaser.js

Tower Defense game with 40 levels. Includes user login, progress saving, custom level creation and level sharing. - <https://goo.gl/ZBtDZB>

### Computer Science III Course Project

Java, JavaFX

Recreated the Journey Through Europe board game and Implemented AI capable of a completing a 6 player game against itself.

### Reddit Design Tutorials

Created video tutorials focusing on designing subreddits on reddit.com using CSS. Currently has over 100,000 views - <https://goo.gl/nJ4vih>

### NLP Sentence Generator

Javascript, PHP, MySQL

Generates sentences for a given topic using NLP techniques and backed by a 600,000 tweet corpus database. - <http://goo.gl/2ICPs9>

## EXPERIENCE

### BlackRock

June 2016 - July 2016

#### Software Engineering Intern

Built the next version of a Java backend server for the Alladin Product Group leveraging Spring, Maven, and Ivy. Brought the project from design through QA testing to a production release.

### Viacom

Jan 2016 - May 2016

#### Multiplatform Engineering Intern

Led a team of developers in creating an internal web tool for automating configuration file generation. Involved in the full SDLC including project scheduling estimations, design, and development of the project.

### Stony Brook University

#### Computer Science Department

Sep 2014 - Dec 2015

#### Teaching Assistant

Held office hours each week to assist college students taking Computer Science

### Stony Brook University

#### Academic Success & Tutoring Center

Sep 2014 - Aug 2015

#### Tutor

Assisted college students with computer science coursework and projects. Acted as a mentor for the students; teaching study habits and homework strategies. Received Level 2 International TUTOR Training Program Certification.

### Everest BBN

Feb 2013 - Aug 2013

#### Network Intern

Performed on-site maintenance and troubleshooting for servers and network issues. Set up networks for new businesses by running cable and setting up servers. Provided over the phone and on-site customer support.

## ACTIVITIES AND INTERESTS

Stony Brook Computing Society, Stony Brook Ski & Snowboard Club, Scuba Diving, Musical Instruments, Reading