

JOSH WEIN

SOFTWARE DEVELOPER

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PROGRAMMING SKILLS

Languages

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

Frameworks

Spring, Maven, Ivy, Bootstrap, Typescript

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 III and Computer Music with course assignments and exam preparation.

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