

# Josh Wein

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## Education

### **BS Computer Science**

Stony Brook University, Stony Brook, NY

Dean's List: Fall 2013 - Fall 2015.

Expected Graduation: May 2017

Current GPA: 3.7/4.0

## Projects

### **Cloud Computing Project – Muse**

*Fall 2015 Semester*

- A real-time multiplayer music experience built using Javascript, HTML5 Canvas and Howler.js for the application and NodeJS with Socket.IO for the real-time functionality. - <http://goo.gl/wPMhbR>

### **Cloud Computing Project – Wiki**

*Fall 2015 Semester*

- Editable wiki created using: HTML, CSS, Bootstrap, Javascript, JQuery, Ajax, and PHP for the frontend; RabbitMQ for messaging; and a 7 server MongoDB sharded setup for the backend with REST API support.

### **Computer Science III Course Project**

*Fall 2014 Semester*

- Recreated the Journey Through Europe board game using JavaFX.
- Designed AI that could complete a 6 player game completely controlled by the AI.

### **Reddit Design Tutorials**

*May 2013 – Present*

- Ongoing project to create video tutorials focusing on specific aspects of designing subreddits on reddit.com using CSS.
- Currently has over 70,000 views. - <https://goo.gl/nJ4vih>

## Skills

### **Programming Skills**

Java, JavaFX, C, HTML, CSS/Bootstrap, JavaScript, JQuery, PHP, MongoDB/MySQL.

**General Computer Skills** - Adobe Photoshop, After Effects, Premiere, Ableton Live, PowerDirector, MAGIX Video Pro, MS Office.

## Experience

### **Teaching Assistant**

*Sep 2014 – Present*

*Computer Science Teaching Assistant*

*Stony Brook, NY*

- Held office hours to assist college students with course assignments and studying problems.
- CSE 219 - Computer Science III, CSE 393 - Computer Music

### **Academic Success & Tutoring Center**

*Sep 2014 – Sep 2015*

*Computer Science Tutor*

*Stony Brook, NY*

- Assisted college students with computer science coursework and projects.
- Acted as a mentor for the students, teaching study habits and homework strategies.

### **Everest BBN**

*Feb 2013 – Aug 2013*

*Network Intern*

*New York, NY*

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

### **American Friends of Tel Aviv University**

*Mar 2013 – Apr 2013*

*Data Entry*

*New York, NY*

- Updated Database, reorganized filing system.

### **Camp Kaylie**

*Jun 2012 – Aug 2012*

*Video Editor & Producer*

*Wurtsboro, NY*

- Responsible for creating weekly videos for a summer camp.

### **International TUTOR Training Program Certification Level 2**

## Student Activities

Stony Brook Computing Society, Stony Brook Ski & Snowboard Club