Josh Wein

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Education

BS Computer Science   Expected Graduation: May 2017
Stony Brook University, Stony Brook, NY   Current GPA: 3.7/4.0
Dean's List: Fall 2013 - Fall 2015.

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 – Feb 2016*
- Project to create video tutorials focusing on specific aspects of designing subreddits on reddit.com using CSS.
- Currently has over 80,000 views. - https://goo.gl/nJ4vih

Skills

Programming Skills
Java, JavaFX, C, HTML, CSS/Bootstrap, JavaScript, JQuery, PHP, MongoDB/MySQL, Version Control(Git, Subversion).

General Computer Skills - Adobe Photoshop, After Effects, Premiere, Ableton Live, PowerDirector, Office Suite.

Experience

BlackRock   *Upcoming Summer 2016*
Software Engineering Intern   *New York, NY*

Viacom   *Jan 2016 – Present*
Multiplatform Engineering Intern   *New York, NY*
- Led a team of developers in creating a web based application for automating configuration generation.
- Directly increased the productivity of full time employees as well as drafting documentation and schedules.

Stony Brook University   *Sep 2014 – Dec 2015*
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

Stony Brook University: Academic Success & Tutoring Center   *Sep 2014 – Aug 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.
- Received Level 2 International TUTOR Training Program Certification

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.

Student Activities

Stony Brook Computing Society, Stony Brook Ski & Snowboard Club