

Jerrel Sogoni

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Education

Stony Brook University

Stony Brook, NY

PURSUING B.S. IN COMPUTER SCIENCE WITH SPECIALIZATION IN SOFTWARE DEVELOPMENT

September 2014 - Present

- Expected Graduation: May 2018
- Cumulative GPA: 3.52
- Dean's List: Fall 2014, 2015, 2016 and Spring 2015, 2016

Work Experience

Undergraduate Teaching Assistant

Stony Brook University

- CSE 219 with Professor Richard McKenna - Assisted students with their homework related problems in **Java** during my office hours and held recitation for students, where they are required to finish their labs. In addition helped proctor exams for the class.

September 2016 - May 2017

Relevant Coursework

System Fundamentals 2 (CSE 320)

January 2017 - May 2017

- Projects: Explicit Dynamic Memory Allocator using best fit placement and Custom Bash Program written in **C**.

Principles of Database Systems (CSE 305)

September 2016 - December 2016

- Project: Profile Plus, a social media site using front end framework **XHTML**, **CSS** and back end **MySQL**, and **JavaFaces(JSF)**.

Computer Networks (CSE 310)

September 2016 - December 2016

- Project: Client Server Post Messaging System. Implemented with a group a client server discussion board messaging system using **Python**.

Computer Science III (CSE 219)

January 2016 - May 2016

- Project: UML Diagram java source code generator in **Java**. Implemented an application that consisted of 5000 to 6000 lines of source code and learned practical programming skills such as a systematic approach to program design, coding, testing, and debugging.

Projects

RASPBERRY PI HYDROPONIC AUTOMATED SYSTEM

June 2016 - August 2016

- Designed and built a hydroponic system using the Raspberry Pi. The Project used multiple sensors, motors, and a relay for the automation process. Created a multi-threaded **Python** GUI using wxPython as the framework for the GUI. More information about this project is on my blog website.

Technical Skills

PROGRAMMING LANGUAGES / SCRIPTING LANGUAGES

Java (intermediate), **C** (intermediate), **JavaFaces(JSF)** (intermediate), **MIPS** (basic), **Python** (intermediate), **LaTeX** (basic), **JavaScript** (basic), **HTML5** (intermediate), **MySQL** (intermediate), **CSS** (intermediate), **XHTML** (intermediate), and **PHP** (basic).

SOFTWARE

Microsoft Word (intermediate), **Microsoft Excel** (intermediate), **Microsoft PowerPoint** (intermediate).

Awards & Honors

DEAN'S LIST: Undergraduate students who constitute approximately the top 20 percent of their class.

STONY BROOK'S PRESIDENTIAL SCHOLARSHIP: A four-year scholarship given to high school seniors students who have achieved a meritorious unweighted high school average.

Extracurricular

Stony Brook Computing Society

September 2015 - Present

- A club that consist of a few thousands students at Stony Brook University that emphasizes how students can be involved in coding and technology.

Volunteer

Stony Brook Computing Society

ACTIVITY VOLUNTEER

September 2015 - Present

- Ensured that players in the activity are done correctly, informed players about the rules of the game, and directed them to their specified task.