

# SAKSHAM ARORA

Authorized to work in the US for any employer

1400 Millersport Hwy • Buffalo, NY 14221 • 716-939-5841 • [saksham1011@gmail.com](mailto:saksham1011@gmail.com)

## SUMMARY

2+ years' experience in front-end website design and development, website maintenance, and information security using several web technologies including HTML5, CSS3, and JavaScript. Deep understanding of UI/UX design principles and working knowledge of responsive (mobile-first) web page design.

---

## EDUCATION

**State University of New York at Buffalo**, Buffalo, NY

B.A., Computing and Applied Mathematics, December 2017

**Relevant coursework:** Data Structures in C++; Digital Systems; Discrete Mathematics; Introduction to Java; Numerical Analysis; Linear Algebra; Probability and Statistics; Partial Differential Equations

---

## TECHNICAL SKILLS

**Web Tools:** HTML5, CSS3, JavaScript, Bootstrap, jQuery, AngularJS, ReactJS, GitHub, Chrome Dev tools, Wordpress

**Databases:** SQL, Microsoft Access

**Editors:** Eclipse, Visual Studio, Xcode, Pixelmator Pro, Sublime Text, Brackets

**Programming Languages:** Java, C++, Python, Shell, Swift

**Application Software:** MS Office Suite, Adobe Photoshop

**Operating Systems:** Windows, Mac OS X, Linux

---

## PROFESSIONAL EXPERIENCE

**Subboard, Inc., SUNY Buffalo, Buffalo, NY (January 2016 – January 2018)**

*Web Developer*

- Conceptualized, planned, and executed original designs for a mobile responsive website [www.subboard.com](http://www.subboard.com) that helped provide information and services to new enrolled students
- Built user interface and designed overall user experience using HTML, CSS, JavaScript, and Bootstrap for [www.subboard.com](http://www.subboard.com)
- Managed and updated Microsoft Access Database for [offcampushousing.buffalo.edu](http://offcampushousing.buffalo.edu) by performing frequent updates based on user requirements and troubleshoot to resolve any issues
- Developed a WebView iOS app for subboard website
- Developed a mobile app on iOS for [WRUB](http://WRUB) (radio station for UB) to enable users to play music while the phone is locked

**Subboard, Inc., SUNY Buffalo, Buffalo, NY (January 2016 – January 2018)***Network Administrator Assistant*

- Supported in assembling the web server for [www.subboard.com](http://www.subboard.com)
- Assisted in setting up Apache server on Ubuntu to install IT ticketing system
- Assisted in setting up two tier PKI hierarchy on windows server for pharmacy to ensure better security and HIPAA compliance
- Installed printers, computers, and other computer peripherals for various Subboard department personnel

**Campus Dining, SUNY Buffalo, Buffalo, NY (August 2013 – December 2015)***Student Worker*

- Performed routine duties in dining hall such as food preparation, plating and serving food, verifying meal plans, cleaning kitchen and dining facilities, and stocking supplies
- Communicated and provided assistance to customers as needed

---

**RELEVANT PROJECTS**

**MaxHeap** – Implemented a vector-based MaxHeap data structure in C++

**Sorting-Stanford-SNAP-Files** – Wrote several functions in C++ to Sort/Traverse a file that stores edges of a graph in Stanford SNAP file format in C++

**Scrabble Game** – Implemented several functions and JUnit tests in Scrabble game for a team project in Java

**Matching Game** – Implemented a matching game with three different columns using swing components and event handling

**Temperature Converter Application** – Built a temperature converting app on iPhone using swift programming

**Heat Variation Graphs** – Plotted several heat and wave equations graphs using Python in Partial Differential Equations

---

**ACTIVITIES**

Participant, Hackathon (UBHacking), University at Buffalo, 2014

Member, Indian Student Association, University at Buffalo, 2013 - 2017

Member, High School Soccer team, 2012

Member, High School Badminton team, 2011

---

**LINKS**

Portfolio: <https://saksham1011.github.io/>

LinkedIn: <https://www.linkedin.com/in/saksham-arora-b97269131/>

---

**REFERENCES**

Available upon request