

Sakeeb Hossain

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Highlight of Qualifications

Technical

- Proficient with HTML5/CSS3, JavaScript, SQL and Python
- Working knowledge of PHP and Java programming languages
- Knowledgeable about the MEAN stack (MongoDB, Express, Angular.js, Node.js)
- Experienced with relational database management systems such as SQLite, MS SQL Server
- Familiar with front-end frameworks such as Bootstrap, Foundation and Semantic-UI
- Experienced with developing dynamic websites, as demonstrated at Heart and Stroke UTSC
- Familiar with content management systems such as Wordpress
- Knowledgeable about the software development life cycle, software testing methodologies
- Familiar with agile development and version control technologies such as Git, SVN and Slack
- Comfortable working in Windows and a variety of UNIX-based environments (OS X, Ubuntu)
- Knowledgeable about database organizational models as well as DBMS design principles

Interpersonal

- Excellent attention to detail and problem-solving skills, developed through studies in computer science, mathematics and statistics
- Strong oral and written communication skills, demonstrated through working with customers, presenting project ideas, and writing academic essays
- Effective independent and team worker, demonstrated through involvement in volunteer activities and development projects
- Outstanding time management and organizational skills, ability to work under pressure and reliably meet deadlines
- Ability to learn quickly and adapt to new work environments and new technologies

Education

University of Toronto Scarborough

2014 – Present

Candidate, Honours Bachelor of Science

- Computer Science Specialist Co-op, Software Engineering Stream, 3rd year

Work Experience

CARA Call Centre

August – December 2014

Customer Service Agent

- Interacted with customers, and entered their order information into a database system
- Worked with colleagues to train over 150 new agents on how to use ordering software and create profiles for new clients
- Demonstrated excellent oral communication by interacting with customers in a professional manner, and ensuring customer satisfaction
- Regularly handled 40-60 calls per night, exceeding company target

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Volunteer Experience

University of Toronto Scarborough

October 2015 - Current

Web Developer and Graphic Designer at Heart and Stroke UTSC

- Created and maintained a website using the Twitter Bootstrap framework to market the club to students using online brochures and to document club activities
- Implemented a variety of features such as a dynamic calendar and an email form using PHP
- Designed a club logo and a variety of promotional posters in order to advertise club events
- Ran a successful marketing campaign, raising over \$400 in sponsorships from local stores

Toronto Pan-Am and Parapan American Games

April - August 2015

Event Services Host

- Performed ticket collection and helped navigate attendees around the Pan-Am grounds
- Worked with other volunteers to direct traffic in parking and ensuring safety around the facility

Sir Wilfrid Laurier CI

September 2011 – June 2014

Vice-President of Computer Club

- Resolved hardware and software issues with school computer, printers and other equipment
- Prepared new school laptops for use by installing various OS (Windows, Ubuntu) onto them

Projects

Manga Downloader

- Created an web-scraper using Python that allows users to easily download the pages of over 4000 different comics. Used Python's Requests and BeautifulSoup4 modules, Tkinter for GUI. Currently has more than 1000 downloads on SourceForge.net since release 2 months ago.

Vacuum Game

- Made a simple multiplayer game using Java where users each control a vacuum cleaner and must capture the most wandering dust balls to win. Demonstrates knowledge of OOP and Java.

Travelr

- Worked with a team of 3 other students to develop an Android application using Java that helps clients search for, book and manage flights. Used UML and CRC cards to plan the software before implementation. Used SCRUM methodology to manage communication among team.
- Designed a database using SQLite to store both user and flight information, and a recursive search algorithm that generated optimized itineraries for users based on their specifications.

SQuEaL

- Wrote a Python program which simulated SQL, allowing the user to search and retrieve information from a database based on queries, using SELECT, FROM and WHERE. Enabled the user to perform various operations on tables such as joins, unions and Cartesian products.