

EMPLOYMENT

BABBLERS Play School	www.babblers.in	(2012-Present)
Student Database		April 2012
<ul style="list-style-type: none">Created Microsoft Access Database for Student Data.Program solves problem of manual data collection and calculation of ~100 students per year.Program accurately calculates fees based on complex Fee Structures and produces Gross Totals, Due Installments, Transport Routes and Tax Certificates from collected data.		
Daycare		July 2015
<ul style="list-style-type: none">Created cost-effective digital time-keeping technique to note "In Time" and "Out Time" for ~50 children.Created Microsoft Access Database to read Timecard data and calculate Monthly charges accordingly.Program replaces a manual system which had many problems in accuracy.		
Graphical Content		Repeatedly
<ul style="list-style-type: none">Final product had higher quality with complete control over content at cheaper price.Designed Books, Posters and Class Photos for Students with CorelDRAW and Adobe Creative SuiteImplemented photo watermarking techniques for brand promotion		
Canine Elite	www.canineelite.com	(July 2015-August 2015)
<ul style="list-style-type: none">Created Standees, Pamphlets and Leaflets for major promotional events.Redesigned Business Cards for employees at Canine Elite.		

TECHNICAL EXPERIENCE

Projects		
<ul style="list-style-type: none">Magic Mouse	https://goo.gl/jFBFTz	Current (Group Project)
Connect an Android Phone to a Windows PC and move it on a surface like a regular mouse. Available on GitHub.		
<ul style="list-style-type: none">WatCrowd	https://goo.gl/FplUjn	Current
Provide information about the crowd at any building on UWaterloo Campus using Wi-Fi Device Information.		
<ul style="list-style-type: none">WatBalance	https://goo.gl/d6DaVv	December 2015
Android app that checks balance in our University's Electronic ID Card (WatCard). Creates daily limits, graphs monthly usage, creates charts for data and records transactions. Available on Play Store and GitHub.		
<ul style="list-style-type: none">W8A	https://goo.gl/2Oalv5	November 2014
Developed a proof-of-concept for the Android app "DriveDroid". This technique allowed users to carry a complete Windows Installation on their phone and turn any PC into their own PC.		

Languages

C++, C, Java, Racket, SQL, HTML/CSS, Shell Scripting and VBA

Frameworks/Libraries

HelloCharts, Jsoup, Volley, JodaTime, Apache Commons, Android Support Libraries

MISCELLANEOUS

Volunteer Work

- Hack the North (October 2015)** - Conducted floor patrols, resolved grievances, assisted developers and set up Company Rooms.
- Student Blogger for University (September 2015 – Present)**

Scholarships : University of Waterloo President's Scholarship (\$2000) on admission