

Maathusan Rajendram

PROGRAM 3A Systems Design Engineering

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PROFILE

Strong understanding of object-oriented programming concepts and their application.

Love the startup culture and working in an extremely fast-paced environment; from previous co-op experiences.

Great communication, presentation and interpersonal skills.

Perfectionist for user interface and design; detail-oriented.

EDUCATION

Candidate for Bachelor of Applied Science

Systems Design Engineering, University of Waterloo, Waterloo, ON
September 2012-present

SKILLS

Objective - C	Java	Ruby on Rails	C#/C++
Swift	HTML/CSS	PHP/SQL	JavaScript/jQuery

EXPERIENCE

Software Developer

Knowroaming Ltd • Toronto, Ontario • December 2014 – May 2015

Lead developer in company's main iOS app. Implemented new features such as RSA encryption authentication and more. Took the initiative to optimize current product packaging. Reduced its size by over 50% thus, saving enormous costs in both shipping and manufacturing. Developed user features in web app using JavaScript to mimic iOS app.

API Developer

ERA Environmental Consulting • Montreal, Quebec • April 2014 – August 2014

Created a WCF REST web service in C# for apps to communicate with a MS SQL Server. Created and deployed two iOS 7 universal apps that use the above API, into the AppStore (see website). Worked on and deployed an iPad app via In-house distribution. Worked on a Ruby on Rails web service that connected the iPad app to a PostgreSQL database.

Software Engineer - iOS

Sangriya Inc. • Brampton, Ontario • August 2013 – February 2014

Created an iOS 7 app with search, chat, notification, Facebook login features and more; from conception. Contributed to marketing and analytic analysis. Made use of Facebook API's, Parse platform, Testflight, Crashlytics and Mixpanel.

Program Management

Toronto Hydro • Toronto, Ontario • January 2013 – May 2013

Used thorough knowledge of SQL, VBA, normalization and UI development to create a relational database in a MS Access environment. Acquired presentation and communication skills from presenting program management issues in front of project manager and his team.

Marketing Representative

Student Works Painting • Waterloo, Ontario • May 2013 – August 2013

Utilized excellent communication and marketing skills to make door-to-door sales. Acquired amazing marketing techniques from training sessions. Gained amazing time management and organizational skills from balancing two part-time jobs and school work.

PROJECTS

(see website)

TellMe

Loblaws eCommerce Winner

- At UofT Hacks 2015
- Backed by MongoDB
- Uses Twilio and Mashape

FitnessCoach

Best Health App Winner

- At BrickHacks 2015
- Android app with Twilio
- Uses Pebble and Myo

Chair Business

Generated 100% Profit

- Self-started at age 18
 - Sales from online ad
 - Door-to-door marketing
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VOLUNTEER

Charity Gift Wrapping Supervisor

Epilepsy Halton Peel Hamilton • Brampton, Ontario • November 2014 – January 2015

Promoted from volunteer to supervisor within two weeks. Successfully lead and was responsible for a team of over 20 volunteers.

Tutor

Club Garçons et Filles de LaSalle • Montreal, Quebec • April 2014 – June 2014

Tutored student ranging from the ages of 9 to 16 in Mathematics, Science and English. Improved my communication skills in French.

Chefs Assistant

Robin des Bois • Montreal, Quebec • June 2014 – August 2014

Helped prepare ingredients and assisted in all prep work for the dishes. Improved my communication skills in French.