

Ken Struys

38 Elm Street, Toronto, Canada, M5G 2K5

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Software Development

Thoora Inc. - Frontend Developer

Oct 09 - Oct 10

Member of a two person frontend team in a Toronto startup and TechCrunch 50 finalist. Accountable for the implementation of "pixel-perfect" CSS layouts, scalability of the frontend architecture, integration with social media APIs, highly flexible/extensible development in PHP and integration with middle layer services via Thrift. Major accomplishments included the implementation of the Thoora mobile web product (<http://m.thoora.com>) and multiple successful passes of SEO.

Technologies - PHP (Codeigniter), JavaScript, CSS/HTML, SQUID, Apache, Nginx, Memcached, Postgres, Thrift, Capistrano, Twitter and Facebook APIs.

Nexj Systems - Framework Developer (Intern)

Summer 08

Assisted in the development of a large web and desktop CRM framework for the financial services industry. Primarily implemented new features and fixed bugs in the Nexj HMVC client side framework.

Technologies - JavaScript, HTML, CSS, Java, Eclipse, Scheme, JBOSS

Computer Proficiency

Languages - PHP (Codeigniter), Javascript (jQuery), CSS, Racket (formally PLT-Scheme), SQL (Postgres), Java, C, Python

Services/Protocols - HTTP, JSON, REST, Apache, Squid, Thrift, Memcached

Operating Systems - Mac OSX, Linux (CentOS, Ubuntu), Windows

Tools - Git, SVN, CVS, Eclipse, Firebug, Capistrano, Photoshop, Google Analytics/Webmasters

Other Employment

Volt Information Services - Microsoft Student Partner

Sep 07 - Aug 08

One of two technical representatives at The University of Toronto promoting Microsoft products. Organized Microsoft events on campus. With the support of the Computer Science Student Union, completed a 12 hour game competition with 150 computer science students.

DMG World Media - IT Support Analyst

Summer 06/07

One of four tech support staff in the North American IT support team located in Toronto. Worked on monitoring and maintaining Microsoft Exchange, Active Directory, and general software/hardware support.

Factorydirect.ca - Computer Salesperson

Summer 04/05

Salesperson in downtown Toronto location. Assisted customers with new purchases of electronics/computer hardware and provided advice on computer hardware/software issues. For most weeks, I was the top grossing salesperson at the store.

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Education

University of Toronto 2010 Graduate

Honours B.Sc - Computer Science, Software Engineering Specialist

Harbord Collegiate Institute 2005 Graduate

Volunteer Activities

Computer Science Student Union - Vice President/President Sep 07 -Aug 09

Lead a group of 10 computer science students who were responsible for organizing events within the computer science community and attended curriculum review meetings. Responsibilities included delegating tasks, organizing the student union office and assisting students within the department with academic/social life.

Afropan Steelband - Tenor Player 1999 - Present

Steeldrum player in Afropan; the oldest and largest steel orchestra in Canada consisting of over 70 musicians. Performing at events including the Caribana carnival parade and in 2010 traveled to Gabon, Africa to play for the 50th anniversary of Gabon's independence.

Harbord Collegiate Robotics - Mentor 2003 - Present

Assisting a group of high school student with the construction and programming of robots for the FIRST Robotics Competition. Teaching inexperienced students engineering/design, software development in C and construction.

Conference/Presentations

Democamp Toronto

Regular attendee at bimonthly meets where designers, developers and entrepreneurs get together and demonstrate products and projects they have been developing.

SXSWi March 2010

Attended the SXSW interactive conference to assist the Thoora marketing team with promotions, learn about other frontend architectures and product development best practices.

University of Toronto - Computer Science Fall 2010

Presented Practical Applications of Functional Programming and Racket to a class of 200 students. Covered topics such as rewrite systems, macros, general tree manipulation and their applications to web development.

Other Interests

Board Games, Photography, Cooking, Entrepreneurship, Robotics, Construction, Travel

Citizenship

Canadian, European Union

Reference Available Upon Request