

Naomi E Aro

4 - 497 Parkside Dr, Toronto, ON M6R 2Z9

Email: naomiaro@gmail.com, Phone: +1 (647) 461-2882

Technical Skills (years)

HTML/HTML5 (5), CSS/CSS3 (4), jQueryUI (4), Twitter Bootstrap (1)
javascript (4), jQuery (4), Backbone.js (1)
PHP (3), Propel (3), Doctrine 2 (1), Zend Framework (3), Python (4), Java (3)
PostgreSQL (4), MySQL (3), git (5).
Linux, Mac OSX & Windows operating systems.

Work Experience

Software Developer

Aug 2010 - May 2014

Sourcefabric o.p.s

Responsibilities: One of the team's core developers for the company's radio software Airtime. Responsible for researching new technologies for feature implementations and architectural decisions.

Accomplishments: Worked on refactoring the company's older radio product Airtime to use the Zend Framework. Created a calendar/scheduling system allowing radio stations to plan their schedule in advance by creating shows/playlists. Created the dossiers calendar as a jQuery plugin (www.tageswoche.ch). Developed an in-browser audio waveform playlist editor using HTML5's javascript web audio api.

<https://github.com/naomiaro/waveform-playlist>

Quality Engineer (Co-op)

Jan 2010 - April 2010

IBM Victoria Software Lab

Responsibilities: Beginning regression test automation on Lotus Forms Webform Server using Rational Functional Tester; Reading specifications and making sure the product under test adheres to them.

Accomplishments: Determined how Rational Functional Tester can be used to automate user interface testing on IBM's Webform Server. Designed the structure of the test suites and implemented automated tests using Rational Functional tester to cover standard Lotus Forms user interface object functionality and alignment.

Software Developer (Co-op)

May 2009 - Dec 2009

Backstage Technologies

Responsibilities: Front and back end development for social networking games on MySpace using opensocial, javascript, jQuery, jQueryUI, HTML, CSS, Ajax, Java, MySQL.

Accomplishments: Designed and implemented several pages for the company's applications on Myspace including Pull Tabs, Bingo Explosion! and Mind Games. Wrote a friend picker widget which was more user friendly than MySpace's native friend picker widget to invite friends and see friends who already play the same game as you.

Junior Software Developer (Co-op)

May 2008 - Aug 2008

Seeker Solutions

Responsibilities: Coding in Python, MySQL; Working with The Natural Language Toolkit.

Accomplishments: Developed the first iteration of a program that aggregates articles from blogs, newspapers, and other varying online sources and computes similarity to help improve later search results.

Education

M.Sc. Computer Science

Sept 2012 - Dec 2012

University of Victoria
3800 Finnerty Road
Victoria, BC
(partially completed)

B.Sc. Computer Science and Music Combined

Sept 2004 - April 2010

University of Victoria
(completed)

Awards

University of Victoria Fellowship 2012
Outstanding Graduate Entrance Award
NSERC research award 2009
Mary M. & Erich P. Schwandt Scholarship 2009

Personal Projects

Incorporated MEAPsoft Java source libraries into a project to generate a similarity matrix using chroma feature extraction for a mono audio wav file. A point within the generated graphical matrix can be clicked to hear the corresponding section in the music.

Used the Universal Feed Parser to create a Python program that continuously searches the RSS feeds of sites such as UsedVictoria and Craigslist for an item of interest and then email the posting to the user.

Activities

2009 Civic Orchestra of Victoria, viola.
2005, 2007-2008 University of Victoria orchestra, viola.
2003-2007 Greater Victoria Youth Orchestra, viola.