Nolan Waite

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Experience

- **Trilogy Software Inc.** Calgary, AB, Canada
  Programmer *2011 – 2012*
  - Helped develop DoxCycle, a PDF-based tax document management application for Windows, including custom graphics annotations. Requirements included interoperation with other PDF-handling applications.
  - Added features to TaxCycle, a Canadian tax preparation suite for Windows, including a word processor component that merges client information from a tax return into customized letters and documents sent by the tax preparer.

- **Canadian Centre for Behavioural Neuroscience** Lethbridge, AB, Canada
  Research Assistant *2010 – 2011*
  - Extended a real-time experiment interface built in C++ and real-time Linux in order to carry out dynamic clamp experiments on neurons.
  - Developed a browser-based apparent motion simulator to act as visual stimulus during experiments.

- **TransAlta Corporation** Calgary, AB, Canada
  Summer Intern *2009*
  - Automated power plant data verification and migration using uncooperative proprietary software.
  - Migrated power plant metrics display interface to a browser-based system.

- **Kismet Solutions** Calgary, AB, Canada
  Junior Technician *2007 – 2008*
  - Wrote in-house coordination and collaboration tools.
  - Developed single-click remote assistance tools.
  - Visited client sites to troubleshoot problems and maintain servers and workstations.

Personal Projects

- **HTMLReader**
  https://github.com/nolanw/HTMLReader *2013 – Present*
  - Wrote a standards-compliant HTML parser for iOS and OS X.
  - Written in Objective-C; depends only on Foundation.

- **Acquire for Mac OS X**
  http://nolanw.ca/acquire *2007 – Present*
  - Wrote a client to play the board game Acquire with players of the Windows client (NetAcquire).
  - Wrote a decoupled server to support NetAcquire-compatible clients as well as browser-based clients playing among and against one another.

- **WindowMan**
  http://nolanw.ca/windowman *2010 – Present*
  - Wrote an application to move windows around with hotkeys (e.g. ⌥⌘← to have the current window occupy the left half of the screen).
  - Hotkeys are customizable, and a menu item is also provided for quick reference and access to the preferences.

Education

- **University of Waterloo** Waterloo, ON
  Honours Bachelor of Computer Science *2006 – 2010*
  - Real-time programming, concurrent and parallel programming, operating systems, database management.
  - Computer networks, algorithm design & analysis, models of computation.
  - Principles of entrepreneurship, probability, statistics.