

# Andrew Wylie

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## EDUCATION

### **Bachelor of Computer Science, Software Engineering Stream, Co-op Option**

Carleton University, Ottawa, Ontario

CGPA of 10.75/12  
Dean's Honour List

## SKILLS AND ABILITIES

### Technical

- Skilled at Java, C++, C, Assembly (IA-32), Scheme, Prolog, C#
- Proficient with internet mark-up languages (XHTML, HTML, XML) as well as PHP, JavaScript, Perl, Python, SQL, and use of AJAX
- Use of the Django web framework and jQuery library
- Experience with use of both Git and Subversion version control systems

### Communication

- Effectively taught peers concepts pertaining to both mathematics and programming
- Able to listen to others and approach situations from their point of view
- Adept at conveying concise and clear thoughts
- Excellent at explaining ideas and concepts
- Works well with others

### Leadership

- Comfortable with taking responsibility, and confident in making decisions
- Ability to work well with others in a team environment
- Can manage time and resources efficiently

## EXPERIENCE

**Teaching Assistant**  
**Carleton University**

January - April, 2011

- Marked assignments & midterm exam, also proctored the midterm examination.
- Provided assistance to students in relation to concepts in computer organization, digital logic, and Intel Architecture 32 bit assembly language.

**Software Developer**  
**NAV CANADA**

May - August, 2010 & 2011

- Worked with a small team of developers on a web application for national flight planning.
- Used Django web framework, Python, and the jQuery JavaScript library for development, along with the Git version control system.
- Created a Python module for conversion of submitted flight plan object information into a format used by integrated legacy systems for flight authorization, tracking, and billing.
- Participated in scrum software development process.

**Hardware Support & Technical Writer**  
**NAV CANADA**

May - December, 2009

- Gained technical skills in database administration, documentation, hardware support.
- Configured network services such as DNS, DHCP, and Microsoft's Active Directory.
- Created a web-based computer laboratory booking tool in spare time.

## EXTRA-CURRICULAR ACTIVITIES

- Flatland/Street BMX
- Computer Science Society
- Turntablism
- Software Development