

Eli Spiro

esspiro@uwaterloo.ca Palo Alto, CA
<http://elispiro.com> (650) 605-3358
github.com/espire

HIGHLIGHTS

- Programming in Java, C++, C, C#, ActionScript, and Assembly
- Experience with leadership in technical environments
- Ability to work well independently and as part of a team
- Strong communication skills and attention to detail
- Drive to innovate and effect lasting improvements

EXPERIENCE

Google, Mountain View, CA **January 2012–present**

Software Engineering Intern

- Implementing an experimental project on the Indoor Maps team
- Leading every step of the software development process

Rich Media, Toronto, ON **May–August 2011**

Programmer Analyst

- Implemented changes to ActionScript applications requested by clients
- Developed a Visual C# application to easily edit specific XML files
- Developed a mobile financial calculator for iOS and Android in a small team

Ontario Ministry of Government Services, Toronto, ON **May–August 2010**

IT Systems Officer — Executive Support

- Assisted in project management for a major software upgrade
- Took initiative to investigate ways of streamlining current IT processes

Seneca Summer Camps, Toronto, ON **June–August 2009**

Computer Instructor

- Taught web design (HTML and Adobe Dreamweaver) and Adobe Flash to campers aged 9-14
- Abstracted the skills taught so that students could apply them to other software

EDUCATION

University of Waterloo, Waterloo, ON **2009–2014 (expected)**

Candidate for Bachelor of Mathematics

Computer Science Honours Co-op, Business Option

- President's Merit scholarship

TanenbaumCHAT, Toronto, ON

2005–2009

Ontario Secondary School Diploma

- Senior Letter for Student Involvement
- Nomination for Student Commitment Award
- Ontario Scholar Certificate for Academic Achievement
- Co-head, technical committee

COMPUTER SKILLS

- Object-oriented programming and design, including UML and Model-View-Controller
- Android application development
- Source control systems, both distributed and centralized
- Basic web development
- Mac and Windows power user, Linux competent user
- Ability to quickly learn new software and new technologies

ACTIVITIES

Vice President, Internal, Hillel Waterloo

Jan. 2011–Dec. 2011

- Responsible for internal management of a mid-sized student-run organization
- Positions held since 2009 include Treasurer and Communications

RECENT PERSONAL PROJECTS

Arduino Train Control

- An object-oriented program for Arduino that controls analog model trains
- Receives abstract commands from serial and smoothly adjusts switches and train speeds
- ATC's goal is to control trains autonomously using track blocks with current draw sensors

JircBot

- An IRC bot written in Java, with features including logging and automatic context-based responses
- Designed to be easily extensible, with a basic plugin architecture

HOBBIES AND INTERESTS

- Transit planning
- Photography
- Video games

References available upon request