Charles Zinn

University of Waterloo
2B Software Engineering

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GitHub Semicolon314

SKILLS

Languages – Python, JavaScript, C/C++, Java, Scala, Objective C

Technology – Unix, Git, SQL, Redis, Django, Node.js

EXPERIENCE

Google
Software Engineering Intern

January–April 2016
Mountain View, CA

· Implemented an interactive flame graph visualization of Chrome performance data
· Integrated visualization into existing metrics dashboard

A Thinking Ape
Software Developer

May–August 2015
Vancouver, BC

· Implemented several new features simultaneously and independently on both server (Django) and client (iOS and Android)
· Improved first-week user conversion rate from 0.8% to over 1.8% using new in-app promotions
· Alpha-beta tested new features to determine efficacy

OpenText
Junior Software Developer

July–August 2014
Waterloo, ON

· Web development with Node.js, AngularJS, Sails.js, jQuery, and PostgreSQL
· Managed task distribution and performed code reviews for other junior developers

DISTINCTIONS

· Solved 238 problems on Project Euler (projecteuler.net)   2016
  Top 20 in Canada and top 1000 worldwide
· ACM ICPC ECNA Regional Programming Contest   2015
  9th place team in region; attending finals in Thailand, 2016
· Top of class in first year and a cumulative average of 96%   2015
· Winner at first annual Hack the North hackathon   2014
· Placed 1st in the ECOO Programming Contest at the final (provincial) stage   2014
· AP Scholar with Honour   2014

Projects available on GitHub (Semicolon314) and via my website (charleszinn.ca).