

Daniel Ku

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University of Waterloo, Waterloo, Ontario

Sept. 2015 – Present

Candidate for Bachelor of Applied Science in Computer Engineering

TECHNICAL SKILLS

- Proficient with many languages such as Ruby, Java, C#, C++, C, SQL, HTML and XML
 - Experienced with the following skills and frameworks: Ruby on Rails, Rspec, AWS, Git, and Bash
 - Currently developing CSS, and Javascript through self-teaching
 - Familiarity with many development technologies including Jira, Confluence, and the Agile process
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WORK EXPERIENCE

Junior Software Engineer

Flipp Corporation

May 2017 - Aug. 2017

Toronto, Canada

- Worked on the Ecommerce team, developed Ruby parsers to ingest and update over 2 million items from CSV and XML files daily for many major US and Canadian retailers
- Investigated and implemented several API options to enhance Ecommerce item details
- Maintained and improved the internal Rails application, adding many small features and refactoring previously existing features to be cleaner and more efficient as well as adding unit tests if needed
- Created a dashboard with Datadog to monitor system health and Elastic Beanstalk (AWS) instances

Software Developer

Davis & Henderson (D+H)

Sept. 2016 - Dec. 2016

Mississauga, Canada

- Developed a secure ASP.NET Web API to verify and log cheque information and details
- Managed a legacy Oracle database, focusing on creating and improving complex stored procedures
- Migrated SAP Crystal Reports from version 8.5 to 2013 involving rewriting many SQL queries
- Debugged and reformatted several RDLC reports using Microsoft Visual Studio 2015

Software Developer

Flipp Corporation

Jan. 2016 - Apr. 2016

Toronto, Canada

- Developed CSV parsers and scripts in Ruby to generate weekly flyers (grocery circulars)
 - Generated data reports regularly, gathering the data from APIs, databases, or web data extraction
 - Supported the Operations Team, solving technical issues they had using the internal Rails application, and clearly explaining the solutions in a non-technical way
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INTERESTS

- Playing in competitive volleyball and ultimate frisbee intermurals at Waterloo
- Competitive video game player; Grandmaster rank at Starcraft 2. Captain of the Waterloo Starcraft 2 B Team that competes in Collegiate StarLeague (CSL) and Tespa (Esports organizer)
- Coding challenges for fun and self-improvement (<https://www.hackerrank.com/danielku97>)