PATRICK WONG

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US Citizen

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EDUCATION

Bachelors of Mathematics, University of Waterloo   October 2016
    Computer Science and Computational Mathematics Major, Combinatorics and Optimization Minor

SUMMARY OF QUALIFICATIONS

Technical Skills

Languages	(Proficient) MATLAB, Python, C#, SQL, (Experienced) C++/C, Java, Ruby
Frameworks/Tools	Rails, Git, Linux, PostgreSQL

Relevant Personal Projects

Rails Tutorial App   February 2017 – Present
- Mini-microblog service with authenticated user signup and login
- Written in Ruby on Rails, with PostgreSQL database, and deployed on Heroku

MLB Batted Ball Stat Visualizations   December 2016 – Present
- Visualization of MLB hitters' 2016 stats with interactive scatterplots and histograms
- Designed a Python module to produce graphs from data in various file formats

notedump   November 2016 – December 2016
- Windows desktop application displaying several text files through tabbed interface, written in C#/Visual Studio
- Centralizes the location of commonly-used text files in one application

CS 350 OS/161   May 2014 – August 2014
- Implemented synchronization primitives, system calls, and a virtual memory system for the OS/161 kernel

Relevant Coursework

CS 476 – Numeric Computation for Financial Modeling	CS 475 – Computational Linear Algebra
CS 473 – Medical Image Processing	CS 466 – Algorithm Design and Analysis
CS 350 – Operating Systems	CS 436 – Networks and Distributed Computer Systems
CS 338 – Computer Applications in Business: Databases	CS 240 – Data Structures and Data Management

WORK EXPERIENCE

Technology Intern, Loring Ward, San Jose, California   May 2013 – August 2013
- Fixed and maintained computer hardware, communicating with vendors to resolve complex problems
- Solved user issues with Windows 7, Outlook, and internet browsers

Assistant, Gold Gold Travel, Mississauga, Ontario   May 2012 – August 2012
- Planned vacation details and swiftly completed flight bookings for clients
- Communicated with tour agencies to send client travel information and confirm bookings