

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, Hadoop, Spark
Frameworks/Tools Rails, Git, Linux, PostgreSQL

Relevant Personal Projects

[Rails Tutorial App](#) February 2017 – Present

- Mini-microblog service with authenticated user signup and login, deployed on Heroku

[MLB Batted Ball Stat Visualizations](#) December 2016 – Present

- Visualizing MLB hitters' stats with interactive graphs using Python

[notedump](#) November 2016 – December 2016

- Windows desktop application with a tabbed interface, to organize text files

[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 458 – Computer Security and Privacy	CS 436 – Networks and Distributed Computer Systems
CS 350 – Operating Systems	CS 341 – Algorithms
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

- Installed physical workstations and prepared fresh computer image for new users
- Fixed and maintained desktop/laptop hardware and issued requests for new equipment
- Resolved user problems with Windows 7, Outlook, and internet browsers

Assistant, Gold Gold Travel, Mississauga, Ontario May 2012 – August 2012

- Searched and booked flights for clients
- Phoned tour agencies to confirm bookings and sent travel information to travel agents
- Received phone calls from clients and resolved their queries