

CHENG PENG

Learn - Experiment - Innovate

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EDUCATION

2011 - 2016 + **Honours Bachelor of Computer Science**
[University of Waterloo](#)
Relevant Courses
User Interfaces, Algorithms, Security
Operating Systems, Data Structures

SKILLS

Proficient:
Java, C++, Python, Node, SQL
MongoDB, Javascript, Html, Css

Experienced:
C#, PHP, Ruby, Angular, Extjs
Express, .NET

WORK EXPERIENCE

Sept - Dec 2014 + **BlackBerry**
[Software Test Associate](#)
Developed and automated regression test scripts in Python
Effectively documented and validated software defects across departments

Jan - April 2014 + **Blue Coat Systems**
[Software Engineer - Process Improvement](#)
Applied Web multi-layered architecture, leading to clean coding and scalability
Managed JSON REST APIs through serialization and timely client-side responses
Configured 2D graphics in ExtJS, aiding product managers with daily reports

Jan - April 2013 + **American International Group**
[Junior Co-op Analyst](#)
Prototyped and automated data collection software using C# and LINQ
Encapsulated key API functionalities, improving development time for power users
Designed hierarchical SQL schemas, optimizing performance and quality of data

PERSONAL PROJECTS & ACTIVITIES

Github: www.github.com/chunky123

Twilio Plays 2048

www.twilio-plays-2048.herokuapp.com

Multi-player game played with SMS rather than PC

Wifi Mobile Remote

www.github.com/chunky123/PennApps

Turns a phone into a remote control for PCs using Wifi

Canadian Abroad

www.Canadian-Abroad.herokuapp.com

Provides Canadian travel advisories and embassy locations through an interactive user experience

Personal Website

Implemented responsive design with bootstrap and functional contact form in PHP