

# Wendy Wang

5th Year UBC Computer Science Student  
Software Developer and Data Analyst with Co-op Experience

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<https://wendywang.herokuapp.com>

## PROGRAMMING SKILLS

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- **Key Technical Areas:** Web Applications, Mobile Applications, API Design and Implementation, UI/UX  
**Key Technologies:** ABAP, Java, HTML, SQL, JavaScript, Node.js

## EDUCATION

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- **University of British Columbia** Vancouver, BC  
*Combined Major in Computer Science and Statistics* Sept. 2013 – Dec. 2017

## TECHNICAL EXPERIENCE

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- **Pelesys Learning System Inc.** June 2017  
*Product Designer (Contractor)* Microsoft Azure
  - Worked on the UI and UX design for an pilot training exam platform for China Eastern Airline.
  - Acted as a product designer to refine the work flow, user experience, color matching on an existing mock up using Microsoft Azure within a short period of time.
- **SAP Canada** May 2016 – Dec 2016  
*Software Developer Intern* ABAP, JavaScript, SAP UI5, SAP Web IDE
  - Worked on several SAP internal tools on products deliveries, application controls, etc.
  - Transitioned to full development role in less than 2 weeks – started implementing new frontned features, bug fixes.
  - Designed and implemented key RESTful API services, including cross-database access; entrusted by senior architects to finish tasks efficiently and accurately within a certain time frame.
  - Maintained and supported existing PRM applications and support new code releases.
- **PayPal Canada** Aug 2015 – Dec 2015  
*QA Developer Intern* Xcode, Jira, Git, Java
  - Worked independently on many of Android and iOS applications, from development, testing to deployment.
  - Completed numbers of production deliveries to large corporate clients and assisted with their beta testing.
  - Discovered critical bugs in production to prevent large performance degradation.
- **UBC Forestry Faculty** May 2015 – Aug 2015  
*Research Assistant* R
  - Assisted UBC graduate students with their research projects, including data analysis
- **Poisson Consulting Inc.** Dec 2014 – Feb 2015  
*Software Test Engineer (Contractor)* R, Git
  - Worked on a project of Water Quality Thresholds and Index Calculations for British Columbia with a group of R developers as well as water quality experts.
  - Researched and summarized data requirements for developers; Learned and implemented unit tests in R to ensure accurate data are returned properly from core functions.
  - Worked remotely and finished tasks with good quality and on schedule.

## PROJECTS

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- **Personal Website** Dec 2016  
*Node.js, JavaScript, HTML, SCC*
  - Designed and built a mobile friendly personal website using node.js, HTML, CSS under 3 days
  - Implemented functionalities such as Facebook Likes and Share integration using Facebook API, Moving Box integration
  - Awarded UBC Computer Science e-Portfolio Competition Finalist nomination.
  - Deployed to Heroku Cloud Application Platform: <https://wendywang.herokuapp.com>
- **ComicCollab** Jan 2016 – Apr 2016  
*Node.js, JavaScript, HTML, SCC*
  - Designed and implemented a web application from scratch to finish for users to collaborate in creating, viewing and editing comics.
  - Participated in app design, relationship database design, frontend framework setup; Implemented features such as create user profile, user logout, integration with Tumblr API and DeviantArt API, etc.
  - Deployed to Heroku Cloud Application Platform and have increasing amount of users.
- **S & P 500 Index Analysis and Prediction** March 2016 – Apr 2016  
*R*
  - In a group of 4, we built suitable models using S & P 500 dataset using ARIMA, transformed ARIMA, and Holt's Winter model to predict future S & P 500 trend.
  - Took initiative to implement ARIMA model in R code, created data visualization and written the analysis paper.
- **Vegan Kitchen API** Oct 2015 – Nov 2015  
*Java, Maven*
  - Created an API for an existing Android app with which users are able to share their vegan recipes with a team of two.
  - Individual contributions: participated in relational database design, API design and authorization logic design; implemented Junit tests with Rest Assured framework.

## AWARDS

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- **UBC Computer Science e-Portfolio Competition Finalist:** 2017
- **UBC Work Learn International Undergraduate Research Award:** 2015
- **Outstanding Junior in Mathematics, Annual Junior Book Award:** 2012
- **3rd Prize, National Olympic Mathematical Competition:** 2010
- **1st Prize, Provincial Olympic Mathematical Competition:** 2009