

Wendy Wang

5th Year UBC Computer Science Student

Software Developer and Data Analyst with Co-op Experience

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PROGRAMMING SKILLS

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

EDUCATION

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

TECHNICAL EXPERIENCE

- **Pelesys Learning System Inc.** June 2017
Product Designer (Contractor) Microsoft Azure
 - Focused on UI and UX design for a 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 frontend 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.

INDEPENDENT PROJECTS

- **Google Chrome Extension: SlackTracker** July 2017 - Present
JavaScript
 - Slack Tracker is a Chrome Extension that increases your productivities by constantly reminding users for how long they have been spent on time-wasting websites.
 - Researched, designed and implemented building Slack Tracker from scratch as a minimum viable product (MVP) under 24 hours.
 - Deployed Version 1.0 to Google Chrome Store.
- **Wendy Wang's 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 in 2017.
 - Deployed to Heroku Cloud Application Platform: <https://wendywang.herokuapp.com>

GROUP PROJECTS

- **Comic Collaboration Tool: 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 several time series methods such as 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

- **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