Wendy Liu

Vancouver, BC, Canada | wendy_jy_liu@hotmail.com | +1 778-237-9325 | wendyliu.ca

Highlights

Computer Science new graduate passionate about software development in the game industry. Experience developing an Android location-based game featuring map completion, a recommender system and location-triggered notifications in JavaScript and C#.

Education

B. Sc. in Computer Science and Biology | 2011 – Present | University of British Columbia
- Anticipated graduation in May 2017.
- Related coursework: Human Computer Interaction, Advanced Relational Databases, Functional and Logic Programming, Internet Computing, Algorithm Design and Analysis

Technical Skills

- Unity, JavaScript, C#, C, C++, Eclipse, Java, SQL, MS SQL Server, HTML, CSS, Git

Technical Experience

Software Development Intern | Centre for Digital Media | January 2017 – Present
- Working in an interdisciplinary six-person team to develop new features and user experience for Microsoft's Android app, with the goal to engage Vancouverites in art and culture.
- Participating in user requirement research to transform client needs into proposed application designs.
- Working extensively in C# and JavaScript to develop location-triggered notifications, a recommender system, and a gamified map completion feature.
- Creating a JavaScript map applications using Bing API that loaded data from JSON files to display on the maps.
- Designing and coding software solutions that can easily be scaled depending on client needs.

Redesign *Degree Navigator* | University of British Columbia | September – December 2016
- Led four UX students to redesign UBC's degree audit system with a user-centered approach.
- Carried out user research to identify user need, use cases and design problems in the existing interface.
- Created conceptual models to communicate high-level overviews of the design, and tested them against user mental model formation.
- Designed medium-fidelity prototypes using Axure and evaluated them through usability tests.

map-game Project | Technische Universität Darmstadt | April – July 2016
- Created a location-based "capture the flag" web app in JavaScript with four developers using OpenStreetMap.
- Generated markers at points of interests in the user's city using Overpass API.
- Worked extensively in Bash, using Git, Bower, and Gulp.

Volunteer

International Service Learning | ASVO Costa Rica | February 2012
Promoted self-sustainability in a remote Costa Rican community, to reduce poaching of sea turtle eggs.

Portfolio

wendyliu.ca