

Jinny Byun

Computer Science Major, 3rd Year

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WORK EXPERIENCE

Software Engineer Intern, Evident Point Software Corp.

Jul 2016 - Dec 2016

- Implemented new features for PDF processing/OCR software, including customizable keyboard shortcuts, flexible paragraph modifications for page detection training, and a semi-automated expression editor to help non-programmers create decision tree rules
- Ported existing Windows Runtime 8.1 apps to Universal Windows Platform and put in charge of the client-side development of all the Windows 10 apps
- Implemented an EPUB conversion tool to allow users to upload any zipped HTML document and be able to view it on an e-reader
- C#, C++, Ruby, JavaScript, HTML/CSS, Visual Studio

PROGRAMMING PROJECTS

Shadow Hunters Game (Personal)

Oct 2016 - Present

- Implementing a peer-to-peer, web browser version of a popular deductive puzzle game
- JavaScript, Polymer, HTML/CSS, WebRTC

Video Triangulizer (Personal)

Mar 2017

- Implemented video uploading, video streaming, and the Flask web server used to bridge JavaScript code to Python back-end that then triangulates individual frames in parallel
- Python, JavaScript, Polymer, HTML/CSS

London Underground App (Academic)

Aug 2015

- Completed the implementation of an Android transit app through working with live web data and writing interactive features on a map
- Used Transport for London Unified API to fetch a list of trains and arrival times at a station, and get latitude/longitude coordinates to plot tube lines onto the map
- Java, JUnit, Android Studio

VOLUNTEER WORK

VP Administration, UBC Computer Science Student Society

May 2015 - Present

- Organizing bi-weekly meetings for the executive team and recording meeting minutes
- Organizing and running club events for CS undergraduate students

CS Representative, UBC Science Undergraduate Society

Oct 2015 - Apr 2016

- Liaised between Computer Science department and Science Undergraduate Society, helping students get resources and information about the CS program
- Sat on Code and Policy Committee to ensure club constitution remained relevant

EDUCATION

University of British Columbia

Class of 2018

- B.Sc. Computer Science