

## SUMMARY OF QUALIFICATIONS

- Strong work ethic with positive attitude to lead project success and build effective teamwork environment
- Background in UNIX/Linux environment and Object-oriented programming (Java, C++)
- Experience with modern web development (HTML5/CSS, JavaScript) and mobile platform (Android)

## EDUCATION

**University of Illinois at Chicago (UIC) | GPA: 4.0**

**Expected May 2018**

Bachelor of Science in Computer Science - Software Engineering concentration

*Relevant Course Works:* Data Structures, Computer Algorithms, Cloud Computing Objects, Database Systems

## TECHNICAL SKILLS

- Programming Languages: Java, C/C++, C#, Python
- Web Development: HTML5/CSS, JavaScript, PHP
- Version Control: GitHub, Bitbucket
- Tools/IDE: MS Visual Studio, IntelliJ IDEA, Eclipse, Android Studio, Source Tree

## WORK EXPERIENCE

**Software Engineering Intern**, Alticast – Seoul, South Korea

June 2017 – Aug 2017

Developed Android TV application for 2017 IBC Conference

- Device: Android Nougat 7.0, API 25
- Implemented Google opensource project 'androidtv-Leanback' framework
- Connected and verified the device with the server to retrieve the channel and menu lists
- Applied MPEG-DASH streaming concept to play real-time TV channels and VOD services
- Overcame technical challenges through extensive debugging and researching Android Developers guide

**Undergraduate Teaching Assistant**, University of Illinois at Chicago

Aug 2015 – Present

- Courses: CS 141 (Program Design II), CS 211 (Programming Practicum)

**Quality Assurance Intern**, Edito Co., Ltd. – Seoul, South Korea

May 2016 – July 2016

Software Education Platform for elementary school students

- Created test cases and documented testing reports
- Field experience to meet customers and students while setting up the program at elementary schools.

## PROGRAMMING PROJECTS

**ACM Website**

September 2017 – Present

Rebuilding ACM main website

- Skills: HTML5/CSS, JavaScript
- API/Frameworks: jQuery, AngularJS, Bootstrap

**U Time (Google Play Store published on 09/01/2017)**

July 2017 – Present

Python Web Scraping & Android programming

Time scheduling application for UIC students in which users create time table in advance of registration day

- Collected course information with Python web scraping framework 'Scrapy'
- Connects to MySQL database system using HttpURLConnection and extracts data using PHP
- Parses JSON to create course list and makes it visible on RecyclerView
- SQLite database that contains registered courses and draws schedule table on Canvas
- Dynamic UI with fragments to fit on various screen size

**Personal Website (junlee7.cafe24.com)**

July 2017 – Present

Created a responsive webpage applying HTML5/CSS and Bootstrap framework

## **Bulletin Board System**

July 2017

JSP Advanced Development using Apache-Tomcat-8.5.16

- Sign up page for users in order to post questions and edit/delete the contents
- Responsive website implementing Bootstrap framework
- MySQL database system that contains user-profile, password, and contents

## **DEX**

Spring 2017

Game Programming in Java

Designed and built a 2D platform game in which player can explore the environment, pick up weapons and kill the enemies to clear levels and advance to more difficult stages

## **Netflix App**

Netflix Database GUI Application using N-Tier Design

Spring 2017

- Data-driven Window application in which client make events to search movie and add ratings
- GUI designed in C#
- Framework used ADO.NET and implemented Data-Business Tier

## **ORGANIZATIONS**

**Association for Computing Machinery (ACM)**

- Web development team