

KEVIN W. LI

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EDUCATION

Dec. 2017	NORTHWESTERN UNIVERSITY Bachelor of Science in <i>Music</i> , Double Major in <i>Computer Science</i> Relevant Coursework: Data Structures & Management, Computer Graphics, Machine Learning, Databases GPA: 3.74/4.00	Evanston, IL
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EXPERIENCE

June 2016 – Sept. 2016	Alcoa/Arconic – Process Control Systems Engineering Intern <ul style="list-style-type: none">Implemented an Apache reverse proxy for 7 servers and 40+ projects in order to help facilitate company split as well as to improve network securityStandardized webpage layouts for process control system data as a part of a larger upgrade process from the existing systems to standard HTML5 and CSSCreated a video conversion function that combines avconv, cputlimit, and nice to reduce stress to the CPU when converting videos of the quenching process for the maintenance reportsInstalled and configured two new Linux servers and mirrored them with DRBD and UCARP in order to provide a more reliable backup systemCoded a dynamic C program that allows maintenance workers to create a printable report of thermocouple offsets and tuning parameters for 5 different heat treat furnaces	Davenport, IA
June 2015 – Present	Northwestern University Library – Multimedia Services <ul style="list-style-type: none">Manage and schedule multimedia resources to professors and other patrons in order to avoid time conflicts and abide by patron expectationsReconcile and record 50+ audiovisual materials on a weekly basis to expedite the flow of information to other areas of the libraryProvide an expert understanding of audiovisual materials offered within the library to 100+ patrons a week in order to locate the optimal resources for their projects	Evanston, IL
July 2014 – Aug. 2014	Credo Chamber Music Festival – Camp Counselor <ul style="list-style-type: none">Led and organized daily activities for 80 resident campers in order to foster community growth and strengthen connections between campers, counselors, and facultyTaught violin lessons and coached 3 chamber music groups on rehearsal/performance techniques in preparation for concerts including a performance at Severance Hall	Oberlin, OH / Chicago, IL

PROJECTS

Mar. 2017	Harmonious Monk – Northwestern University EECS352 Final Project <ul style="list-style-type: none">Teamed up with 2 other student developers to design a python application that produces automatic jazz harmonization given a monophonic melody or speechDeveloped a highly accurate pitch tracker using the Yin pitch tracking algorithmConstructed a high-quality project landing page using Go and GitHub Pages that gives further details on how the project was completed	Evanston, IL
Nov. 2015	Jiffy Print – Walgreens Photo API Contest Winner, Northwestern Wildhacks <ul style="list-style-type: none">Collaborated with 2 teammates to design a NodeJS web application using Walgreen's Photo API and Postmates' API to provide easier access to printing and receiving images on the internetDeveloped the front-end of the web application using Twitter Bootstrap and GitHub Pages	Evanston, IL

LEADERSHIP

Apr. 2016 – Present	New Community Covenant Church – Northwestern Leader, Driver <ul style="list-style-type: none">Rally together Northwestern students every Sunday and transport them from Evanston to Logan Square in order to attend New Community Church services and other church affiliated eventsAdminister insight and guidance for newcomers to the church to help them feel welcomed	Chicago, IL
Sept. 2013 – Present	Bienen School of Music – Chamber Music 1st Violin, Violin Performance <ul style="list-style-type: none">Organize and direct 4 other musicians in weekly rehearsals to prepare for performances and weekly coachingsPractice 30+ hours per week in order to maintain and further enhance violin skills and techniques	Evanston, IL

SKILLS & INTERESTS

Technical: Proficient with Java, Python, HTML5, CSS, PHP, Windows OS, Unix/Linux, Git
Familiar with C#, C++, JavaScript, Bash, Ruby, Racket, SQL, Go

Language: English (Native), Mandarin (Proficient), French (Basic)

Honors: Eagle Scout, National Youth Orchestra USA 2013

Interests: Violin, Piano, Traveling, Languages, Running, Film, Photography, Singing, Ukulele, Soccer