

Joon Park

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EDUCATION **BA PHYSICS / BM MUSIC COMPOSITION, NORTHWESTERN UNIVERSITY, EVANSTON IL**
Computer Science Minor
Expected: Jun. 2018
Cumulative GPA: 3.78

RELEVANT WORK EXPERIENCE **FULL STACK DEVELOPER - CENSUS REPORTER, KNIGHT LAB, NORTHWESTERN UNIVERSITY**
Jun. 2016 – Current
Implement full-text search, design search results page, create sitemaps, handle github issues.

PYTHON INSTRUCTOR - TEEN PROGRAMS, ADLER PLANETARIUM
Summer 2016
Teach Python programming and research techniques to a classroom of 15 high schoolers.

SELECTED AWARDS AND HONORS

Sigma Pi Sigma (Physics honor society) induction	Spring 2016
G. Karhanek Scholarship for academic achievement	Dec. 2015
Science Undergraduate Laboratory Internship at Fermi National Accelerator Laboratory	Summer 2015
Henry Crew/Welch Scholarship for academic achievement in physics	3 times
Weinberg College of Arts and Sciences Dean's List	7 times
Bethe Physics Prize presented by the Cornell University Physics Department	Jun. 2013

PROJECTS

Created Serif.nu, a course scheduling web application for Northwestern University
Created Superhero Fueling, an iOS/Android app designed to encourage kids to eat more healthily

SELECTED LEADERSHIP POSITIONS

President, Society of Physics Students Maintain communication with dept. administration and professors, lead weekly meetings, oversee executive board, promote physics education outreach.	2016-Current
Chairman, Weinberg College of Arts and Sciences Student Advisory Board Lead general and executive board meetings, advise college Dean, chair academic initiative committees, present to board of visitors.	2015-16
Special Projects Coordinator, Phi Mu Alpha Sinfonia Fraternity, Province 37 Organize province-wide philanthropy and brotherhood events, assist collegiate province representative.	2015-Current
Assistant Music Director, Phi Mu Alpha Sinfonia Fraternity, Iota Chapter Direct chapter choir, prepare rehearsal plans, run music philanthropies.	2014-Current
Tenor Saxophone Section Leader, Northwestern University "Wildcat" Marching Band Teach music and drill, responsible for performance of section every gameday.	2014-16

PHYSICS RESEARCH

Center for Interdisciplinary Exploration and Research in Astrophysics (CIERA) Binary neutron star simulation study for potential gravitational wave sources.	2016-Current
Fermilab Center for Particle Astrophysics Device testing and data analysis for new low-temperature based optical detector.	2015-16
Cornell Laboratory for Accelerator-Based Sciences and Education Test scintillator crystals for usability in dark matter search experiment proposal.	Summer 2014

LANGUAGES AND SOFTWARE

Proficient: HTML/CSS, Javascript, Python, C++, C PostgreSQL, React, MongoDB, webpack Wordpress, Git, Autodesk Inventor	Familiar: Angular, Django, ROOT
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