

Education

2017-08 - present	Cornell University, Ithaca, NY B.S. Information Science 2021 · GPA 3.8
2013-08 - 2017-06	St. Anne's Belfield School, Charlottesville, VA Diploma with Honors · GPA 4.0

Experience

2018-08 - present	Teaching Assistant <i>Cornell University, Information Science Department</i> <ul style="list-style-type: none">Prepare and lead lab sections every FridayHelp students understand concepts during office hourGrade assignments and answer questions on PiazzaP.S. The only sophomore TA for INFO 1300
2018-06 - present	Undergraduate Research Assistant <i>Cornell's People-Aware Computing Laboratory (Director: Dr. Tanzeem Choudhury)</i> Project - Speeding-Intervention through Peripheral Optical Illusion <ul style="list-style-type: none">Developed an iOS App in Swift4, integrating Mapbox SDK API, that detected driver/vehicle's maneuverDeveloped 4 study-apps on 3 platforms including Oculus VR, iOS, and Watch OS to research effectiveness of visual and tactical perception on users' perception.Developed a speedometer based on GPS Core Location, and successfully incorporated it into study-apps, which enable adaptive animationWill experiment with these study cases via Wendy Ju's car-simulation laboratory at Cornell Tech
2018-04 - 2018-05	Team Lead <i>Info 2300 Course Project</i> <ul style="list-style-type: none">Managed and distributed 25+ hours of workload per week among 4 team members based on their strengths, weaknesses, and opportunities for developmentNetworked with 6 clubs on campus and earned business from Cornell Buds Ultimate Frisbee Team to re-design a their team-websiteCoded PHP and SQLite parts on the websiteEarned an A for this project
2018-03 - present	Undergraduate Research Assistant <i>Cornell's Social Dynamic's Laboratory (Director: Dr. Michael Macy)</i> Project - Policy Lab funded by NSF <ul style="list-style-type: none">Developed a website for experimental research using a "multiple worlds" design in PHP, HTML5, and CSS that is linked to a MySQL database and Amazon Mechanical Turk, and tested it with a bot via SeleniumDeployed the medium-traffic website via EC2 & RDS of AWS, that will potentially collect 10,000+ rows of dataImplemented 6 study-cases to test out the databases that would work the most efficiently along with PHP, including PostgreSQL, MySQL and SQLite
2018-01 - present	Secretary <i>Phi Delta Theta Fraternity</i> <ul style="list-style-type: none">Cornell delegate representing New York Alpha Chapter at the 2018 Kleberg National Conference

Personal Info

Phone (434)-218-9536
E-mail jq77@cornell.edu
Personal Page https://junanqu.github.io

Skills

Java
PHP 7
Python3
Well-versed Database management (PSQL, MySQL, SQLite)
Static web dev (HTML5, CSS3)
Git Source Code Control
JavaScript
Data Visualization (Jupyter Notebook)
Swift 4
VR/3D/2D Game Design (Unity)

Software

Database Management (pgAdmin, DB Browser, Postgres, MySQL WorkBench)	<div><div></div><div></div><div></div><div></div><div></div></div>
Code Editor (Eclipse, Atom, Xcode)	<div><div></div><div></div><div></div><div></div><div></div></div>
Amazon Web Services (EC2, Elastic Beanstalk, RDS, S3)	<div><div></div><div></div><div></div><div></div><div></div></div>
Adobe Photoshop & Lightroom	<div><div></div><div></div><div></div><div></div><div></div></div>
CocoaPods	<div><div></div><div></div><div></div><div></div><div></div></div>

Coursework

Obj-Oriented Programming & Data Structure
Intro to Data Science
Linear Alg & Differential Equations
Data-Driven Web Application (In Progress)
Machine Learning for Intelligent Systems (In Progress)
Natural Language Processing (In Progress)