

Education

2017-08 - present	Cornell University, Ithaca, NY <ul style="list-style-type: none">B.S. Computer and Information Science 2021 · GPA 3.8Dean's List - SP 2019
2013-08 - 2017-06	St. Anne's Belfield School, Charlottesville, VA <ul style="list-style-type: none">Diploma with Honors · GPA 4.0College Book Award - SP 2016

Experience

2019-05 - 2019-08	Software Development Engineer Intern <i>Amazon Web Services</i> <ul style="list-style-type: none">Incoming SDE Intern at Seattle office
2018-12 - present	Web Developer <i>Big Red Hacks</i> <ul style="list-style-type: none">Work with other team members to plan and implement essential functionality and software for our websitesupport hackers and event logistics by resolving any critical website errorsDevelop the platform with React, PostgreSQL, Node.js, and Express
2018-08 - present	Teaching Assistant <i>Cornell University, Information Science Department</i> <ul style="list-style-type: none">INFO 1300 - Fall 2018INFO 2300 - Spring 2019Lead a lab section of around 30 studentsHelp students understand concepts of JavaScript, HTML, PHPGrade assignments and answer questions on Piazza
2018-05 - 2018-12	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-cases on 3 platforms including Oculus VR, iOS, and Watch OS to study effectiveness of visual and tactical perception on users' perception.Developed a speedometer using GPS Core Location, and successfully incorporated it into study-cases, which enable adaptive animation
2018-03 - 2018-09	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 - 2018-05	Chapter 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
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GitHub https://junanqu.github.io
LinkedIn https://www.linkedin.com/in/junan-qu/

Skills

Java
PHP
Python
JavaScript & D3
Static Web Dev (HTML5, CSS3)
Well-versed Database Management (PSQL, MySQL, SQLite)
VR/3D/2D Game Design (Unity)
Swift 4

Software

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

Courses

Functional Programming & Data Structure
Obj-Oriented Programming & Data Structure
Machine Learning for Intelligent Systems
Natural Language Processing
Data-Driven Web Application
Intro to Data Science