Junan Qu

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

2018-06 - present
Undergraduate Research Assistant
Cornell's People-Aware Computing Laboratory (Director: Dr. Tanzeem Choudhury)
Project - Speeding-Intervention through Peripheral Optical Illusion
- Used Swift to develop an iOS App integrating Mapbox SDK API, that detected driver/vehicle's maneuver
- Developed 4 study-apps on 3 platforms including Oculus VR, iOS, and Watch OS to research effectiveness of visual and tactical perception on users' perception.
- Will experiment with these study cases via Wendy Ju's car-simulator at Cornell Tech

2018-04 - 2018-05
Team Lead
Info 2300 Course Project
- Managed and distributed 25+ hours of workload per week among 4 team members based on their strengths, weaknesses, and opportunities for development
- Networked with 6 clubs on campus and earned business from Cornell Buds Ultimate Frisbee Team to re-design a their team-website
- Coded PHP and SQLite parts on the website
- Earned an A for this project

2018-03 - present
Undergraduate Research Assistant
Cornell's Social Dynamic's Laboratory (Director: Dr. Michael Macy)
Project - Policy Lab funded by NSF
- 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 Selenium
- Deployed the medium-traffic website via EC2 & RDS of AWS, that will potentially collect 10,000+ rows of data
- Implemented 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
Phi Delta Theta Fraternity
- Cornell delegate representing New York Alpha Chapter at the 2018 Kleberg National Conference

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)

Personal Info

Address
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(434)-218-9536

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jq77@cornell.edu

Personal Page
https://junanqu.github.io

Skills

Java

PHP

Python

Well-versed Database management (PSQL, MySQL, SQLite)

Static web dev (HTML5, CSS3)

Git Source Code Control

JavaScript

Swift

Unity

Software

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

English
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Mandarin
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French
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