Lixuan Xia

(336) 825-7154 | Chapel Hill, NC | lilx@unc.edu | linkedin.com/in/lixuanxia/ | github.com/LeekSwan

Education

University of North Carolina at Chapel Hill (Aug 2016 – May 2020)
- B.A in Physics and Astronomy, concentration in Computer Science. GPA: 3.2
- Buckley Public Services Scholar

Experience

Software Developer, Infosys Ltd. (Oct 2020 - present)
- Developing full stack web applications using Java Spring Boot and Angular

Network Engineer Intern, Cisco Systems (Jul 2019 – Oct 2019)
- Installed, operated, and troubleshooted small enterprise branch networks
- Corrected networking connectivity issues in wireless, routing, and switching using a layered model approach
- Executed configurations for routers, switches, wireless AP's, and WLAN controllers using Cisco hardware

Python Developer, UNC Biomedical Research Imaging Center (Aug 2018 – Aug 2019)
- Developed Python methods for Data analysis and data visualization of fMRI data using libraries (Scikit-learn, Pandas, NumPy)
- Performed statistical analysis using regression and ICA analysis.
  GitHub: https://github.com/LeekSwan/fmri-processing

Projects

Portfolio Website:
- leekswan.github.io

Study Hall
- Developed interactive web app to create a suitable study space by utilizing jQuery and Ajax
- Incorporated user authentication, music player, to-do list, scoring-system, and quote API
- Integrated RESTful back-end server enabling user data to be stored persistently in database

Social Circle
- Built web app capable of contact tracing using React.Js, Express, and SQL.
- Estimates exposure to people through secondary contact and further

Solar Tracking System
- Designed Solar tracking system using C++ on Arduino to accurately track the location of the sun
- Improved efficiency by reducing motors necessary to drive tracking system

Python Web Scraper
- Wrote Python code to scrape infinite scrolling sites
- Utilized requests to automatically authenticate user

Leadership

Operations Chair at PRSM Dance Inc., Chapel Hill NC (Mar 2019 – May 2020)
- Organized monthly workshops totaling over $5,000 in revenue
- Created, coordinated and lead annual showcase bringing over 10 teams across the east coast
- Optimized cost and revenue to increase total profit by 15%

Artistic Director at Moonlight Dance Crew, Chapel Hill NC (May 2019 – May 2020)
- Lead developer and choreographer for concept video
- Handled artistic direction of dance crew of over 30 people including music production and transitions
- Worked with choreography team to produce complete dance choreography

Skills

Languages: C++, Python, Java, JavaScript, HTML/CSS   Database: PostgreSQL, Oracle SQL
Frameworks/libraries: Node.js, React.js, Angular, Spring Boot, jQuery, Bootstrap,