

# Lixuan Xia

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## Experience

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Cisco Systems

### Software Engineer II

Aug 2023 - present

- Lead the development of OpsBot, an **AI chatbot** providing users accurate recommendations for cloud services.
- Lead the development of a **MongoDB ETL** solution for **AI chatbots** providing scalability and operational efficiency.
- Mentor and support **7** early in career engineers to develop their skill set and further their careers resulting in a **75%** return offer rate.

### Software Engineer I

Jun 2021 - Aug 2023

- Developed over 10 new features for multiple products including Diagnostics Center, a cloud service consolidating analytics applications enabling customers a unified view of top level metrics within Cisco's CX Cloud using tools such as **React, AngularJS, React, Python, AWS Web Services and ETL Pipelines**.
- Automated CX Cloud sandbox creation process using **Terraform and CircleCI** reducing deployment time and ensuring consistent, reproducible environments.
- Define and implement user story completion standards within project teams streamlining the sprint process.

Infosys Ltd.

### Software Engineer

Oct 2020 – Jun 2021

- Implemented **5+** **AngularJS** components for customer facing web apps improving operation efficiency by **50%**.
- Developed and implemented a performant and scalable backend system using **Flask and MSSQL**.
- Collaborated with an agile team of **8** to prioritize and scope out the biggest impact features to be delivered first.
- Built extensive test coverage for all new features reducing instances of bugs by **10%**.

Cisco Systems

### Network Engineer

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.

UNC Biomedical Research Imaging Center

### Python Developer

Aug 2018 – Aug 2019

- Developed **Python** methods for Data analysis and data visualization of fMRI data using libraries (Scikit-learn, Pandas, NumPy)

## Skills

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**Front End:** React, Angular, Javascript, TypeScript, HTML/CSS

**Back End:** Python, Java, Node, PostgreSQL, MongoDB, MySQL

**Testing/Deployment:** Mocha, Chai, AWS:EC2, AWS:S3, Terraform, CircleCI

**Developer Tools:** Docker, Git, AWS, npm, Agile Methodology, TDD

## Education

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University of North Carolina at Chapel Hill

Aug 2016 – May 2020

- B.A in Physics and Astronomy, concentration in Computer Science. GPA: 3.2

## Projects

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### Social Circle

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

### 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 **SQL** database.