

# Kevin Xu

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## EDUCATION

**University of Pennsylvania**  
BS: Computer Science

GPA: 3.86

May 2022 | Philadelphia, PA

## COURSEWORK

### Undergraduate

- 121 Data Structures & Algorithms
- 320 Algorithms II
- 212 Scalable Systems
- 550 Databases
- 350 Software Design

## Awards

- 2nd/100+ Bloomberg Puzzle Hunt
- Cisco "You Amaze" Intern Award
- Dean's List (2019)

## PROGRAMMING LANGUAGES

Python, Javascript, Java  
Node.js, React, GraphQL  
MongoDB, OracleDB, C,

## OTHER

### President | PFYD

| June 2018 - Curr.

- Teach speech and debate to under-privileged high school students
- President of 501-c non-profit
- Director of East Coast's second largest debate tournament.
- Board member of Philadelphia After School Activities Program

### Fellow | PWHF

June 2019 - Curr.

- Student international affairs ambassador
- Specialize on agriculture research in Punjab, India

## EXPERIENCE

### Nuro – Software Engineer Intern

Mountain View, CA | June 2021 - Current

- Incoming software engineering intern on Core Infrastructure team at Nuro (Ike team)

### Lumos (a16z) – Software Engineer

San Francisco, CA | January 2021 - May 2021

- Early engineer at a16z and Neo-backed seed-stage startup
- Built core one-click offboarding features used to secure first enterprise customers with AWS Lambda, EC2, Python, SQLAlchemy, Graphene
- Built internal QA tools with React, Typescript, Python, and Flask
- Built metrics and logging system with AWS Cloudwatch, Datadog, and Python that provides visibility into customer behavior
- Built integrations with 10+ apps (Google, Box, Dropbox) for custom, customer workflows

### Bloomberg LP – Software Engineer Intern

New York, NY | June 2020 - August 2020

- Built out trader dashboard that handles billions worth of daily contract commitments from tier 1 banking institutions
- Page displays real-time information about incoming deadlines and commitments
- Built out new frontend, backend, and data pipeline logic from scratch using Javascript, Python, C++ and internal-development tools
- Dashboard reduces client workflow by 60%, reduces lines of code by 90%, and runs 20% faster, 10% less memory

### Cisco Systems – Software Engineer Intern

San Jose, CA | May 2019 - August 2019

- Built out main UI view for billion dollar SDA network product
- Page displays real time enterprise switch information and allows users to configure networks
- Built out new frontend, backend, and data pipeline logic using GraphQL, RabbitMQ, Java, Backbone, and React
- Developed internal debugging tool using python scripting that saves SDA team 3 hours/week
- Automated internal device configuration setup through React and BackBone, saving SDA team ~ 2 hrs/week

### Penn Engineering – Teaching Assistant

Philadelphia, PA | August 2019 - Current

- Teaching assistant for probability (STAT 430), databases(CIS 550)
- Hosted office hours, small-group recitations, and managed final projects

## Projects

### Coffee Chat – Side Project

Philadelphia, PA | June 2020 - Current

- Built an internal coffee chat tool that introduces Bloomberg employees to one another
- Used by 100+ employees in the first weeks of deployment.