

## Experience

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### Engineer Intern (Remote) ScienceLogic Summer 2024 (San Jose, CA)

- Prototyped migrating Golang observability pipelines from Fluentd to OpenTelemetry on Kubernetes, delivering a proof-of-concept for strategic architecture modernization.

### Software Engineer Intern Lynceus Summer 2023 (Paris, France)

- Developed Python product demo simulating AI model training, deployment, and prediction from data upload.
- Implemented end-to-end production deployment test, increasing product test coverage and reducing rate of bugs reaching production. Added test to Github CI/CD pipeline. Wrote other BDD tests in Gherkin.
- Gained experience creating and serving machine learning models via MLFlow and other integrated platforms.
- Enhanced key RestAPI endpoints with pagination, preventing data overload causing frequent server crashes.

### Software Engineer Intern Bespoken Spirits Summer 2022 (Palo Alto, CA)

- Enhanced Django production site, creating a company data hub for streamlined employee-data interaction.
- Added site authentication, dynamic statistic updates upon data upload, data validation, and UX improvements.
- Developed backend routes and an automatic SQL query builder for streamlined database interaction.

### Software Engineer Intern Broadcom/Guerra Technologies Winter - Fall 2021 (San Jose, CA)

- Deployed a Flask visualization tool for 15+ engineers, streamlining structural test data analysis.

## Projects and Community

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- **Unobstrusive Snoring Analysis via Apple Watch Sensor Fusion** (2025). Architecting a non-invasive app for robust sleep event detection with motion, vital, and audio data. **Swift, Python, watchOS, HealthKit**
- **Committee Officer, ACM Hack at UCLA** (2020 - 2024):
  - Reached record attendance(>150) and submissions (30+ teams) as co-director of Hack on the Hill XI.
  - Co-directed weekly development team from June 2023 - June 2024, mainly maintenance of 2 club websites.
    - \* **Hack on the Hill Website** (2021 - 2024). [hoth.uclaacm.com](https://hoth.uclaacm.com) Platform for ACM Hack's yearly beginner-friendly hackathon, offering workshops, mentorship, and live announcements for attendees. **React.js**
  - Taught workshops in Python, web development (HTML/CSS/JS/React), VSCode, Svelte, Firebase, Servers.

## Technical Skills

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- **Languages:** Python; JavaScript/HTML/CSS; C/C++; Bash/Shell; SQL; Golang; Swift; Java; TypeScript.
- **Frameworks:** Django; Flask; FastAPI; React.js; React Native; Next.js; Express.js; Material UI; Gatsby.
- **Tools:** Git; Linux; Node.js; Docker; Kubernetes; AWS; Google Cloud; CI/CD; Jira; RDBMS; NoSQL.

## Education

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### Los Angeles, CA UCLA Fall 2020 - April 2026

- **M.S. in Computer Science**, expected graduation April 2026. **B.S. in Computer Science**, June 2024.
- **Graduate Coursework (GPA: 3.52):** Natural Language Processing, Automated Reasoning, Big Data Systems, Reinforcement Learning, Algorithmic Machine Learning, Probabilistic Programming and Relational Learning, Deformable Models in Computer Vision, Health Analytics, Reasoning About Knowledge.
- **Undergraduate Coursework (GPA: 3.66):** Data Structures; Computer Organization; Software Construction; Logical Design of Digital Systems; Operating Systems; Algorithms and Complexity; Computer Systems Architecture; Artificial Intelligence; Formal Languages and Automata Theory; Machine Learning; Data Science; Neural Networks and Deep Learning; Algorithms in Bioinformatics; Computer Networking; Programming Languages; Parallel and Distributed Computing, Data Management Systems, Software Engineering, Web Applications, Computational Genomics, Engineering Ethics, Management Tech Breadth.