

# Vanouphon Sirisouk

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## Education

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### University of Connecticut

*B.S. Computer Science*

**Aug 2019 - May 2023**

*Stamford, CT*

- Vice President of the Competitive Programming Club
- Technical Lecturer for Google Developer Student Club

## Skills

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- **Languages:** JavaScript, TypeScript, HTML/CSS, PHP, Python, Java, C++, C, Kotlin, Dart, MySQL
- **Technologies:** Git, Mercurial, React, Flutter, Hacklang, GraphQL, AWS, GitHub Pages, Firebase, Jira, Figma

## Experience

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### Walmart Global Tech

*Software Engineer - Walmart E-Commerce*

**Aug 2023 - Present**

*Bentonville, AR*

- Created UI workflows servicing **10,500+ stores internationally**
- Developed API queries capable of **handling 470,000 requests per second**
- Optimized category editing process, reducing monthly modular processing by **460 requests per month**

### Synchrony Financial

*Backend Software Engineer Intern - Alerts Preferences API*

**Sept 2022 - May 2023**

*Stamford, CT*

- **Implemented** and configured **email, text, and push notifications for 1,000,000+ accounts**
- Integrated automated tests for enrollment detection into CI/CD pipeline, **improving code coverage by 26%**

### Meta

*Software Engineer Intern - Machine Learning Model Cards*

**May 2022 - Aug 2022**

*New York, NY*

- **Created API data pipelines serving PyTorch Machine Learning data** for content categorization on Facebook and Instagram **withstanding 600,000 queries per second**
- **Improved efficiency** for calculating machine learning chart visualizations **by 350%**
- Optimized final build module size to **33% of original module size**

### Edgewell Personal Care

*Systems Engineer Intern - Microsoft Access DB*

**May 2021 - July 2021**

*Milford, CT*

- **Identified redundancy in cloud system** for product database, **reducing annual cost by \$14000+**
- Implemented new CI/CD testing and version control procedures, **increasing testing coverage by 17%**

## Projects

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### Puzzl

- Developing a multiplayer, real-time collaboration notes application built with TipTap, leveraging HocusPocus and InfluxDB for handling time sensitive events and editor history