

# 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**
- **Coursework:** Probability, Statistics, Linear Algebra, Algorithms, Data Structures, Databases, Systems Programming, Computer Architecture, Cybersecurity, Mobile Engineering

## Experience

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### Meta ( Facebook )

*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**

### Google DSC

*Technical Lecturer - Data Structures & Algorithms*

**Oct 2022 - May 2023**

*Stamford, CT*

- **Presented data structure and algorithmic theory** to over **70+ undergraduate students**
- **Lead 12 workshops** on the implementation of problem solving techniques
- **Constructed study guides to achieve 148 successful algorithm implementations**

### 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%**

### 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+**
- **Developed internal search and management platform supporting 20,000 queries per second**
- **Implemented new CI/CD testing and version control procedures, increasing testing coverage by 17%**

## Skills

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