

# Kim Phillip

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 kimmykong.github.io

 Madison, WI

## Experience

**Fetch**, Madison, WI

2022–Present

*Senior Backend Engineer*

- Tech lead for real-time B2B ad budgeting automation project to reduce manual processes & boost efficiency
- Led migration of a monolithic EB Kotlin service to an ECS-based Go microservice, decoupling functionality based on API access patterns, improving scalability, performance, and maintainability
- Acted as key stakeholder for my team in a cross-functional backend project, collaborating with multiple teams to drive business changes that doubled year-over-year revenue opportunities for the sales team
- Architected scalable event-driven systems using AWS Lambda, EventBridge, and Kafka
- Investigated and resolved production issues as part of incident response and regular workstreams
- Served as lead engineer for the backend intern pipeline, overseeing and refining the technical interview process from take-home assessments to onsite panel evaluations

**Epic**, Verona, WI

2018–2021

*Software Developer*

- Designed and developed inclusive software to help obstetrics & gynecology clinicians care for patients
- Lead, scoped, and released projects to migrate codebase from VB to C# and TypeScript
- Gathered feedback from stakeholders to create optimal and timely bug fixes across client & database code
- Collaborated with other teams to promote code reuse for better maintainability
- Provided input as a subject matter expert on customer calls and onsite shadowing visits

**Credit Suisse**, New York, NY

Summer 2017

*Application Developer Intern*

- Researched and developed predictive single-stock trading Transaction Cost Analysis models using Python
- Developed and integrated a best-execution reporting tool into existing C# framework for new regulations

**Digital Measures**, Milwaukee, WI

Summer 2016

*Automation Intern*

- Implemented Cucumber tests in Java for automated test suite to run against new builds before deployment

## Education

**New York University Tandon School of Engineering**, New York, NY

May 2018

Bachelor of Science in Computer Engineering

GPA: 3.75/4.0, magna cum laude

Coursework: databases, embedded systems, machine learning, computers & social change, computer ethics

## Skills

**Programming:** Go, Kotlin/Java, Python, SQL, C#, TypeScript, HTML/CSS, M, C++, VHDL (in order of skill)

**Tools:** AWS (ECS, Lambda, EventBridge), REST APIs, Kafka, Docker, Terraform, Redis, Dynamo, PostgreSQL

## Technical Projects

**Google Maps Editorial Analysis– Independent Senior Design Project**

Spring 2018

*Python and Tableau project analyzing unconscious bias trends in editorials across zip codes*

- Generated a set of Google Maps restaurant data using APIs and web scraping over a map of Brooklyn
- Processed, analyzed, and visualized data; presented findings and live demo to advisor and committee

## Awards, Honors, and Affiliations

- NYSC: 2014 delegate, 3 years staph, alumni president
- NCWIT: 2014 Award recipient, reviewer since 2016