

# EDDIE KONG

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New York City

## EDUCATION

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### New York University, Tandon School of Engineering

*Bachelors of Science in Computer Science*

- **Cumulative GPA:** 3.1 | Dean's List 3 Semesters

New York, NY

Sept 2014 – Dec 2018

## PROFESSIONAL EXPERIENCE

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### Lifion by ADP

*Application Developer*

New York, NY

Mar 2019 – Mar 2020

- Utilized inhouse Lifion MVC platform to create modular and flexible HR applications
- Developed and maintained a next-gen suite of employee engagement measurement applications
- Integrated data sets into utilization metrics visualizations and extrapolated data to improve worker-manager communication channels
- Designed large, scalable, and effective relational data models and architecture
- Oversaw release handoffs and provided ad-hoc support and feature improvements as per client requests
- Migrated pre-existing data to new database architecture using SQL scripts

### Invidi Technologies Corporation

*Software Developer Intern*

Princeton, NJ

June 2018 – Aug 2018

- Guided product owners and senior management on use cases and practicality of Apache Hadoop & Kafka
- Configured a three node Hadoop cluster to simulate data warehousing across an HDFS
- Benchmarked data stream pipeline to reach low latency and extremely high throughput (~300K msgs/s)
- Created Kafka Stream scripts to perform stateless transformations on advertising impression messages in real-time by aggregating and sorting fields such as location, demographic, response, etc.
- Presented programs and findings as a proof of concept to justify the integration of data analytics and insights

### Princeton University

*Technical Support Specialist*

Princeton, NJ

May 2017 – Sept 2017

- Acted as a Level II technician for The Woodrow Wilson School of Public and International Affairs
- Performed client-facing maintenance on software such as R Project, Eclipse, Microsoft Office, etc.
- Managed a university-wide database of users and equipment

## PROJECTS

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### Gradr

- Multipurpose web application for students, parents, and tutors involved in private education and tutoring
- Users can assign, submit, grade, and leave feedback on assignments, tutors, and courses
- Built on Django (Python), HTML/CSS, and Javascript

### Resizer

- Performed 4 rounds of penetration testing and vulnerability analyses on a simple python program
- Secured the program against the following vulnerabilities: SQL Injection, XSS, Session Management, Broken Authenticity, CSRF, Insecure Cryptographic Storage, and Sensitive Data Exposure

## SKILLS & INTERESTS

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**Proficient:** Java, SQL, Data Modeling, Python, C++, HTML, CSS, Javascript, Hadoop, Kafka, Bash scripting, Git

**Familiar:** Spark, C, MongoDB, Django, Flask, Node.js, XML, Gradle, Docker

**Soft Skills:** Creativity, Communication, Accountability, Time Management, Conversational Mandarin

**Interests:** Music & Music Production, Art/Visual Design, Film, Cooking, Sports(NBA, NFL, UEFA, ATP)