

# EDWARD KONG

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New York City

## PROFESSIONAL PROFILE

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Software and Application Developer with **1.5+** years of professional experience involving all aspects of the SDLC and Agile methodology. Proficient in key programming fundamentals and data skills, specializing in **Java**, **Python**, **SQL**, as well as various front-end and big data technologies and principles.

## EXPERIENCE

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### Lifion by ADP

*Application Developer*

**New York, NY**

*Mar 2019 – Mar 2020*

- Designed efficient and scalable data architectures for large sets of client data
- Integrated data sets into utilization metric visualizations and extrapolated data to improve worker-manager communication channels
- Migrated pre-existing data to new database architecture using SQL scripts
- Utilized inhouse Lifion MVC platform to create modular and flexible HR applications
- Automated testing and processes using Java and Python scripts
- Oversaw release handoffs and provided ad-hoc support and feature improvements as per client requests

### 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

## EDUCATION

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### New York University, Tandon School of Engineering

*Bachelors of Science in Computer Science*

**New York, NY**

*Sept 2014 – Dec 2018*

## PROJECTS

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### Standout

- Suite of applications built on the Lifion platform revolving around improving employee engagement
- Managers can personalize their management style based on employee's worker-personality profile, anonymous check-ins, and engagement pulses for individuals, dynamic teams, or direct reports
- Applications demonstrated at HR tech conferences, winning several awards and recognition

### 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

## ADDITIONAL SKILLS & INTERESTS

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**Proficient:** Machine Learning, Pandas, Data Modeling, Tableau, C++, HTML, CSS, Javascript, Hadoop, Kafka, Git

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

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