

EDWARD KONG

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edwardkong.github.io

New York City

EDUCATION

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

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
- Developed and maintained a next-gen suite of employee engagement measurement applications
- 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

PROJECTS

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

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

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

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