

EDDIE KONG

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New York City

EDUCATION

New York University, Tandon School of Engineering

Bachelors of Science in Computer Science

New York, NY

Sept 2014 – Dec 2018

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

East Brunswick High School

East Brunswick, NJ

Sept 2009 – June 2014

- **GPA:** 3.7

PROFESSIONAL EXPERIENCE

Invidi Technologies Corporation

Princeton, NJ

Software Developer Intern

June 2018 – Aug 2018

- Supported agile software development by researching and implementing Big Data Framework foundations
- Guided product owners and senior management on use cases and features of Apache Hadoop & Kafka
- Configured a three node Hadoop cluster to simulate data warehousing across an HDFS
- Wrote Kafka Streams programs to perform stateless transformations on user impression messages in real-time by aggregating and sorting fields such as location, demographic, response, etc.
- Benchmarked data stream pipeline to reach low latency and extremely high throughput (~300K msgs/s)
- Presented programs and findings as a proof of concept to justify the integration of data analytics and insights

Princeton University

Princeton, NJ

Technical Support Specialist

May 2017 – Sept 2017

- Acted as a remote and on-site Level II technician for over four hundred faculty, staff, and students of the Woodrow Wilson School of Public and International Affairs
- Performed machine enrollment and software installation as well as troubleshooting issues with university provided software, such as R Project, Eclipse, Microsoft programs, Adobe Creative Cloud, etc.
- Managed a university-wide database of users and equipment using Microsoft Access and ODBC

PROJECTS

Gradr

- Multipurpose web app that provides an online platform 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

- Simple python program created for course 'Application Security' that allows users to submit and resize images
- Performed a series of 4 penetration tests and vulnerability analyses with classmates and adjusted for security improvements on each iteration
- Ultimately secured project against the following vulnerabilities: SQL Injection, XSS, Session Management, Broken Authenticity, CSRF, Insecure Cryptographic Storage, and Sensitive Data Exposure

SKILLS & INTERESTS

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

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

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

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