David Zheng

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EDUCATION

New York University, Tandon School of Engineering, New York, NY   **May 2020**
Bachelor of Science, Computer Science
Awards: Dean's List 2016-2020, Pearl Brownstein Senior & Junior Award   GPA: 3.9
Relevant Courses: Data Structures, Algorithms, Databases, Networking, Software Engineering, OOP, Parallel & Distributed Systems, DevOps, UNIX Systems Programming

SKILLS

Programming Languages:
Currently using: Java / Java Spring, SQL
Dabbled/Used before: Python, C++, Golang, HTML, CSS, JavaScript, SQL, Vue, NodeJS
Tools / Frameworks: Git, Bootstrap, Power BI
Foreign Languages: Intermediate Mandarin

EXPERIENCE

Bank of New York Mellon, New York, Software Developer   **July 2020 – Present**
- Working on backend restful API for the Debit Card Management Portal team
- Migrated team's build process from Jenkins to Gitlab CI/CD
- Doubled restful performance to an external API, which allowed app to move to a more reliable infrastructure
- Resolve security vulnerabilities found by an internal security team and security scanning tools

Bank of New York Mellon, New York, Summer Technology Analyst   **June 2019 – Aug 2019**
- Collaborated on 5 Power BI reports to make data more user accessible
- Developed queries to get data from hive tables stored on the Hadoop Distributed File System
- Made enhancements to email monitors for more meaningful alerts
- Developed bash scripts to automate refresh impala metadata and compress data to improve performance

Chairseven, New York, *QA Intern*   **July 2018 - Aug 2018**
- Issued and completed correction tickets on Gitlab
- Debugged and modified existing codebase to improve usability of features
- Performed QA on web interactives for a psychology curriculum published by W.W. Norton
- Participated in pair coding activities and daily scrum meetings

Full Stack Modular, New York, *IT Intern*   **June 2017 - Aug 2017**
- Collaborated on a web-based knowledge capture platform to streamline flow of information within the company
- Developed a Winform application using C# to automate folder structure creation
- Prototyped a web management system to query design files to a 3rd party software
- Utilized web technologies: HTML, CSS, JavaScript, PHP, MySQL

PROJECTS

Guided Studies - NYU (https://github.com/gcallah/utils) (/gcallah/indras_net)   **Jan 2020 - May 2020**
- Contributed to ongoing open-source projects created by the professor, past students, and outside contributors
- Developed various of automation scripts in bash and python for general use
- Designed and implemented process to parse python file and generate json output

Capstone Project – Shuffle (https://github.com/DavidDev21/Shuffle)   **Sept 2018 - May 2019**
- Designing a web application with the goal of improving the career searching process for college graduates
- Leading weekly team meetings and applying software engineering practices
- Coordinating code tasks and managing project schedule