

# MAHEDI KAISER

<http://mahedikaiser.com>  
[mahedi.kaiser@gmail.com](mailto:mahedi.kaiser@gmail.com)  
347.925.4458

## SUMMARY

Software engineer with over 5 years of experience and a track record for optimizing business processes through automation and innovation. Experience working in corporate and startup environments. Performed all roles in development including front-end, back-end, deployment/server management, and interfacing with business. A highly adaptable, passionate learner with a strong work ethic.

## EXPERIENCE

**Software Engineer** New York, NY September 2018 – March 2019  
**Bombfell (Startup)**

Payment System Rewrite (September 2018 – March 2019)

- Saved the company an average of 10% per refund transaction by fixing loophole in refund process
- Eliminated technical debt from payment system by refactoring and implementing test framework

Pagespeed Optimization (February 2019 – March 2019)

- Improved load time and search ranking by increasing Google Pagespeed score by 70 points (out of 100)
- Optimized Webpack resource loading using commons chunks and compression plugins
- Reorganized page structure and lazy-loaded below-the-fold contents

Security & Authentication (December 2018 – February 2019)

- Implemented Multi-factor Authentication for internal accounts
- Made accounts more brute-force resistant by implementing bcrypt password hashing

Bombfell Shop Launch (September 2018 – December 2018)

- Coordinated with Product Manager, Stylists, and 4 other developers to launch ecommerce shop in 2 months
- Wrote Server side code to search, sort, and cache shop items based on various filters and user preferences

Custom Reporting Calendar (February 2019 – March 2019)

- Improved business utility of performance reports by designing and implementing custom calendar API based on Nation Retail Federation calendar and internally defined reporting periods

**Software Engineer** Detroit, MI June 2016 – September 2018  
**General Motors**

Salesforce Rewrite Project (January 2018 – April 2018)

- Rewrote Salesforce APIs as in-house microservices to extend availability of services to more regions globally
- Collaborated with a team of 15 developers and architects to make microservices work together seamlessly
- Wrote comprehensive unit tests & integration tests to ensure code reliability and maintainability

Data Setup & Diagnostics Tool (February 2017 – September 2018)

- Cut defect resolution and data setup times by 30% by eliminating bottlenecks in the process
- Collaborated with a single teammate to design, develop & deploy the tool in under 6 months
- Minimized page load times by implementing Elasticsearch pipeline
- Used AJAX and wrote AngularJS plugins to provide fast, smooth, and intuitive user experience
- Handled all DevOps related tasks including deploying application to WebLogic, setting up SAML2 single sign on, and writing cron jobs to manage memory and monitor system health

Test Automation (June 2016 – September 2018)

- Responsible for creating automated tests for new Salesforce REST APIs using JUnit & Jenkins
- Improved readability and business utility of unit test results by migrating to Cucumber
- Minimized build failures by collaborating with multiple teams to resolve defects

## SKILLS

<b>Web Development</b>	ReactJS, AngularJS, NodeJS, JQuery, Bootstrap, WordPress, Weblogic, Webpack, HTML, SASS, CSS
<b>Programming Languages</b>	Java, Python, JavaScript, PHP, MySQL
<b>Frameworks &amp; Technologies</b>	Springboot, SQLAlchemy, Elasticsearch, Linux, JUnit, Cucumber
<b>Tools</b>	Git, SVN, VIM, Eclipse, IntelliJ, Android Studios, Jenkins, Postman
<b>Operating Systems</b>	Windows, Linux, Mac OSX

# MAHEDI KAISER

<http://mahedikaiser.com>  
[mahedi.kaiser@gmail.com](mailto:mahedi.kaiser@gmail.com)  
347.925.4458

## EDUCATION

**Lehman College | BSc:** Computer Science | **GPA:** 3.8  
Dean's List (Fall 2014 – Spring 2015)

**Class of June 2016**

## ADDITIONAL ACTIVITIES

**Founder & Instructor** Bronx, NY January 2019 – Present

### Fullstack Engineering Bootcamp

- Developed and taught a comprehensive curriculum for fullstack development at my local community center aimed at anyone interested in learning software engineering
- Mentored a wide range of students ranging from high school to post-college

**Academic Excellence Chair** Bronx, NY January 2016 – March 2016

### National Society of Black Engineers

- Organized workshops and study groups for computer science classes offered by Lehman college
- Hosted resume reviews and interview preparation workshops for students seeking jobs and internships

**2<sup>nd</sup> Place Winner** Boston, MA March 2016

### National Google Hackathon

- Worked with a team of 5 to create an android app to help drive up adoption rates by connecting prospective adopters with foster care children

**1<sup>st</sup> Place Winner** Bronx, NY October 2015

### State-Wide NSBE Hackathon

- Worked with a team of 5 to create a mobile & web solution to connect people who need to give away their pets with prospective adopters with the purpose of keeping them out of kill shelters
- Independently developed a web app for the project using JavaScript to dynamically filter & display search results in addition to a second webpage to serve as a demo for the application

**Web Developer** New York, NY March 2016 – June 2016

### LSAMP

- Designed, developed, tested and deployed various components of the ProjectSTEM platform using PHP, JavaScript, HTML, CSS and WordPress
- Created user dashboard using AdminLTE framework

**Java Game Developer** Bronx, NY December 2014 – February 2015

### Independent Project

- Independently developed a video game to give children a fun way to learn their multiplication consisting of over 1,600 lines of code

## PUBLICATIONS

**Mathematics Researcher & Programmer** Bronx, NY October 2015 – January 2016

### CUNY- Research Foundation

- Researched computational optimizations to continuous mean calculations in 5-dimensional sample space with direct application to mapping optimal evolutionary history in phylogenetic trees
- Researched computational complexity of determining similarity between the given network graphs and trees
- Worked intensively with a small group of CS, Mathematics, and Biology students
- Wrote Python scripts to test proposed solutions
- Published research in the Bulletin of Mathematical Biology and arXiv: <https://arxiv.org/abs/1602.02739>