

Shad Khan

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Education

University of Maryland

B.S Computer Science, Business Analytics Minor

May 2020

GPA: 3.578

- **Awards:** UMD President's Scholarship, Dean's List (2018 – 2020)
- **Organizations:** Resident Assistant, Kappa Theta Pi Professional Technology Fraternity, Technica Hackathon Organizer

Technical Skills

Languages – Core Strengths: Java, Python, JavaScript **Experience With:** Kotlin, HTML/CSS, SQL

Technologies – Core Strengths: Vue.js, Git, Node, Dependency Injection, Jest, Mockito **Experience with:** Express.js, React.js, MongoDB, Bootstrap 4, jQuery, Unix, Pandas, Postman, AWS

Work Experience

Chewy

Software Engineer – Pet Health Storefront Web

Boston, MA / Remote

June 2020 – Present

- Working on various healthcare ecommerce projects on Chewy's main website to ensure that customers are provided with an exceptional and unique experience when taking care of their pets and purchasing prescription products
- Building frontend components with Vue.js, and backend services such as controllers and action beans with Java/Kotlin
- Participate in on-call rotation and set up alerts, dashboards and performance tests to ensure operational excellence

Fannie Mae

Software Developer Intern

Herndon, VA

June – August 2019

- Developed several features surrounding Fannie Mae's Commitment Eligibility and Loan Pricing Backend API's using the Java Spring framework and worked on UI features involving the Servicing Marketplace Application using Angular
- Wrote thorough backend JUnit tests, frontend Jasmine tests, and automation tests using Cucumber and Selenium
- Deployed code to higher environments/servers with Jenkins, and verified code quality and coverage with SonarQube
- Presented to team members, product owners, and stakeholders during demos and bi-weekly Agile sprint reviews

University of Maryland

Database Systems (BMGT402) Teaching Assistant

College Park, MD

June 2019 – December 2019

- Teach students about relational databases using Microsoft SQL Server and data visualizations with Tableau
- Conduct lab exercises and office hours to answer questions, debug students' code, and grade assignments

Projects

Helping Hand

December 2019

- Developed an Android application with a team that helps users register for and post new volunteering opportunities as well as filter through the events by their preferred date, time, capacity, and miles away from their current location
- Utilizes Firebase Authentication and Realtime Database, an Expandable List Adapter to display the volunteering opportunities and their details, and the Google Play Services API to acquire and provide location details

Respect The 3

December 2018

- Wrote a tutorial on the analysis of the 3-point shot's adoption, impact, and success within the National Basketball Association, which walks users through the entire data science pipeline: data curation, parsing, and management; exploratory data analysis; hypothesis testing and machine learning; and final insights learned
- Uses Pandas and NumPy for manipulating data, scikit-learn for machine learning, Seaborn and Matplotlib for data visualization and informative statistical graphics, and SQL Joins for combining datasets