DIANA CHONG

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EXPERIENCE

ScottsPokeCollection | *Full Stack Engineer*   *Burke, VA* / 2022

- Created an app for prominent TikTok streamer (@scotts.pc) to streamline their customer queue and simultaneously broadcast it to their livestream audience, which enabled him to stand out from competitors and resulted in an 70% increase in sales and positive customer feedback; MERN stack
- Obtained information on new orders by connecting to Shopify API and performed an ETL process to populate local database and render new customers in the queue

CoStar Group | *Associate Security Engineer*   *Washington, D.C.* | 2021-2022

- Subject matter expert responsible for maintaining McAfee security and system updates for 10,000 corporate endpoints and troubleshooting noncompliant systems
- Constructed dashboards of security event logs for daily monitoring to be used by engineering team leads
- Automated security alert handling using Microsoft Sentinel to remove 90% of false positive sign-in alerts and organized presentation to demonstrate effectiveness as a SOAR security solution to Senior Director

PROJECTS

Waste Not | *Backend Engineer*   [READ ME (FE)](#) | [READ ME (BE)](#) | 2022

- Developed an app in a team of 4 to reduce food waste by recommending recipes that utilize existing ingredients and keeping track of expiration dates; PERN stack
- Performed ETL process on third party dataset of 2.2 million recipes to populate PostgreSQL database
- Formulated queries to return recipes containing pantry ingredients and utilized gist indexing to reduce query latency from 20s to 100 ms

Atelier E-Commerce Project | *Full Stack Engineer*   [READ ME](#) | 2022

- Designed and implemented Q&A microservice for product pages on an e-commerce site
- Scaled microservice to handle 2000 RPS with 45M records of user data by deploying two EC2 instances proxied through nginx load balancer
- Identified system bottlenecks with Loader.io and K65 and used binary tree indexing to reduce latency to 17ms

EDUCATION

Hack Reactor | Advanced Software Engineering Immersive Program   Sept – Dec 2022

George Mason University Fairfax, VA | Bachelor of Science in Cyber Security Engineering   2017-2021
Coursework: *Operating Systems, Computer Networking, Secure Software Engineering*   GPA: 3.91/4.0

TECHNICAL SKILLS

Front End: JavaScript, React, React Hooks, HTML5, CSS3

Back End: Node.JS, Express, SQL, PostgreSQL, MySQL, MongoDB, Mongoose, RESTful API Development

Testing & Deployment: Jest, Mocha, Chai, Docker, AWS EC2

Developer Tools: Git, npm, Webpack, Babel, Agile Methodology, JIRA, Scrum, Test Driven Development (TDD)

Certifications: CompTIA Security+ (2020), AWS Certified Cloud Practitioner (2020)