

DIANA CHONG

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EDUCATION

Hack Reactor | Advanced Software Engineering Immersive Program 2022

George Mason 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

JavaScript, React + Hooks, HTML/CSS, Node.js, Express, MongoDB, MySQL, PostgreSQL, Git
Certifications: CompTIA Security+ (2020), AWS Certified Cloud Practitioner (2020)

EXPERIENCE

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

- Used MERN stack to create a real-time customer queue to display to TikTok livestream audience (1000+ individuals) so customers know when it is their turn to be featured
- Connected to Shopify API to obtain new order information and performed ETL process to populate local database and render new customers in the queue
- Implemented event listeners and react hooks to allow streamer to allow streamer to remove completed orders and make revisions in queue order

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

- Maintained McAfee system updates for 10,000 corporate endpoints and routinely troubleshooted noncompliant systems – then migrated all endpoints to Defender for Endpoint within two quarters
- Constructed dashboards of security event logs for daily monitoring by HelpDesk, Systems, and SecOps teams
- Automated security alert handling using Microsoft Sentinel and organized presentation to demonstrate effectiveness as a Security Orchestration, Automation, and Response (SOAR) solution to Senior Director

PROJECTS

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

- Developed a PERN stack web app to reduce food waste by recommending recipes that utilize ingredients that people already have within their pantry and by keeping track of when their food goes bad
- Performed ETL process on third party dataset of 2.2 million recipes to populate PostgreSQL database
- Created queries to return recipes based on pantry ingredients and utilized gist indexing to reduce query latency from 20s to 100 ms

Atelier E-Commerce Project | *Full Stack Engineer* 2022

- Designed and implemented Q&A accordion microservice using React and CRUD functionality to be displayed through a custom proxy using service-oriented architecture
- 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

PERSONAL

- I love to crochet and have an irrational fear of birds