TAHMID HAQUE

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Education

University of Toronto   Sep. 2018 − Apr. 2023
Honors Bachelor of Science − Computer Science / Software Engineering   *Toronto, ON*
- GPA: 3.81/4.00
- Named on Dean's List: 2019, 2020, 2021
- (4x) Teaching Assistant: Operating Systems (x2), Computer Organization (Hardware), Computer & Network Security

Work Experience

University of Toronto | Teaching Assistant   May 2021 − Present
Tech: C, Bash, Docker, Assembly   *Toronto, ON*
- Educated 25+ students weekly about low-level OS/Hardware concepts by hosting tutorials, practicals & office hours
- Promoted the understanding of OS data structures to 100+ students by creating videos around memory management
- Achieved scheduling targets by grading & preparing feedback for 250+ undergraduate assignments in a timely fashion

Amazon | Software Development Engineer Intern   May 2022 − Aug. 2022
Tech: TypeScript, GraphQL, AWS, ReactJS   *Toronto, ON*
- Improved developer experiences when working with a 1000+ definition schema by embedding a GraphQL documentation tool within a React (TypeScript) web app, allowing for customization, maintainability & extensibility in the long term
- Facilitated automated website generation by provisioning 5+ AWS resources including Lambda, VPC, & others via CDK

CaseWare International | Software Developer Intern   Sep. 2020 − Apr. 2021
Tech: Angular, Java (Spring Boot), SQL, AWS, GitHub Actions   *Toronto, ON*
- Conceptualized a distributed infrastructure to handle performant data pushes from desktop to cloud environments by designing 3+ approaches, researching 8+ AWS technologies and evaluating the viability of options across 10 metrics
- Developed & released an analytics web app to positive UX reception by insisting for and applying customer feedback
- Increased unit test coverage 20% by creating solid documentation and incorporating code coverage into CI workflow
- Expanded story completion 30%+ by collaborating across teams efficiently and prioritizing customer-specific features

Vouchr | QA Analyst Intern   Sep. 2019 − Dec. 2019
Tech: Postman, Google Sheets (macros)   *Toronto, ON*
- Cleared QA backlog by verifying 12+ bugfixes & feature implementations per day while following Agile workflows
- Ensured consistent experiences across platforms by evaluating Web, Android & iOS products against design standards
- Supplied effortless access to product progress by applying custom systems on Pivotal Tracker, documents & spreadsheets

Projects

Hexagon Security Platform   tahmid.pro/i/hexagon
Tech: MongoDB, Redis, NodeJS (Express), GraphQL, ReactJS (TypeScript), Docker
- Created an online platform allowing users to manage security practices on the web by including secure management of 3 information types, autofilling passwords via a Chrome extension and offering the ability to share all user-uploaded data
- Provided the secure storage of 5+ data types by designing a robust encryption schreme using AES-GCM/KW algorithms

Bytes Rewards   tahmid.pro/i/rewards
Tech: Bootstrap, MongoDB, Python (Flask), JavaScript, JQuery
- Implemented & delivered a mobile-friendly restaurant rewards app with 2 UIs by collaborating effectively in a team of 5
- Maintained positive relationships with external stakeholders by creating 5 functional deliverables, presenting bi-weekly development progress under a static Firebase site, and requesting / incorporating user feedback in an iterative manner

Technical Skills

Languages & Databases: C | CSS (SCSS) | HTML | Java | JavaScript | MongoDB | Python | Redis | SQL | TypeScript
Others: Angular | AWS | Bash | Express | Flask | Docker | Git | GitHub Actions | GraphQL | ReactJS | Spring Boot | Vue.js