

Vehbi Karaagac

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EDUCATION

GEORGE MASON UNIVERSITY

B.S. Major: Computer Science

Fairfax, VA

January 2020 - May 2022

NORTHERN VIRGINIA COMMUNITY COLLEGE

A.S. Major: Computer Science

Fairfax, VA

May 2018 - December 2020

WORK EXPERIENCE

SCIENCELOGIC | ASSOCIATE SOFTWARE ENGINEER

Reston, VA

June 2021 - Present

- Developing the next version of ScienceLogic SaaS product with React.js, Node.js, Python, GraphQL, and MariaDB.
- Building custom APIs with Node.js and GraphQL architecture to communicate within the SaaS microservices. Wrote tests to ensure good coverage server coverage.
- Helped customers deal with with escalations through troubleshooting the product with them.
- Ensured the codebase is up to date with good security standards like XSS, CSRF, and SQL injection attacks.

DECITECH | FULL STACK DEVELOPER INTERN

Mc Lean, VA

Oct 2019 – March 2020

- Developed and maintained a sales dashboard from a client's CRM API to show sales. Used the MERN stack to build this application and deployed on MongoDB and Heroku.
- Designed and structured feature-rich websites ensuring the user-friendly architecture for client's needs. Maintained sites with HTML5, CSS3, and JavaScript with high-quality code procedures.

MOBOMO | SOFTWARE ENGINEER INTERN

Mc Lean, VA

Sep 2018 - Dec 2018

- Set up company's Continuous Integration Systems using Circle CI and GitHub for development and deployment of backend code as static websites on Amazon Web Services S3, CloudFront, Route 53.
- Developed Web APIs on Java Spring and Ruby on Rails that can communicate between websites and work within the MVC Framework. Used Maven, AWS S3, Java libraries (Jackson) to produce efficient code for the execution.

SELECT PROJECTS / HACKATHON WINS

SITTERSCAPE

[Github](#)

Dec 2020

- Designed and built an interactive platform connecting pet owners with local sitters using React.js and Leaflet API. Implemented a filterable custom map leveraging PositionStack/Google API for address geocoding.
- Employed a serverless architecture with AWS Lambda for functions and API Gateway for routing. Utilized AWS EC2 for deployment and stored user pictures on AWS S3. Additionally, developed a real-time chat feature using WebSockets and MongoDB for persistent messaging

SUGGESTI (HACK AT DAVIDSON)

[Devpost](#) & [Github](#)

Jan 2023

- Trained an AI model to suggest alternative purchases for students depending on their current spendings. Utilized ChatGPT API, React.js and Node.js.
- Won **First Place**, Best use of Artificial Intellegience at Davidson's Hack@Davidson.

SKILLS & TECHNOLOGIES

FRONTEND TECHNOLOGIES: HTML5, CSS3, JavaScript ES6, React JS, TypeScript, React Native, Flutter, SwiftUI, PHP

BACKEND TECHNOLOGIES: NodeJS, Python, Swift, Java, Groovy, GraphQL, MongoDB, MariaDB, MySQL, PostgreSQL

TOOLS: Docker, AWS, Azure, Firebase, Jenkins, Circle Ci, NPM, Version Control (Git, GitHub), XCode