David Hall

Linkedin | davjhall@gmail.com | **GitHub** | My Portfolio

SUMMARY

Software Developer DoD Top Secret Security Clearance. Possess a strong fundamental knowledge of software design, development testing, and data structures, A proactive problem-solver with excellent analytical, technical, and programming skills. Experienced in Agile methodologies, object-oriented programming, and test-driven development. Efficient in RESTful API, React, JavaScript, and relational databases such as SQL.

SKILLS

- React.js
- MongoDB
- Express.js
- Node.js
- JavaScript

- SQL
- MySQL
- GraphQL
- JSON
- RESTful API

- HTTP
- CSS
- Bootstrap
- GitHub/Git
- HTML5

- Git/GitHub
- Visual Studio
- Debugging

Certified: Full-Stack Web Development and Software Engineer
Georgia Institute of Technology, 2022

PROFESSIONAL EXPERIENCE

Georgia Institute of Technology   Ellenwood, GA
Software Engineer Student   2022-2023
- Incorporated software development skills to build and unit test software systems functionality and performance.
- Created web applications using React JS, JavaScript, and SQL. databases including data querying and API integration.
- Utilized development lifecycles, concepts, and principles to deploy, maintain, and troubleshoot web applications.

Briggs and Stratton Corp.   Stone Mountain, GA
Product Technical Support   2020-2020
- Developed products' internal ISO (International Organization for Standardization) processes helping to provide detailed data analysis to address product failures and inefficiencies.
- Implemented protocols in electronics and firmware streamlining the process of the diagnosis and repair of lithium-ion battery modules.
- Performed detailed post-incident root cause analysis to cooperatively work with the hardware and software engineer teams to determine effective and appropriate methods of product design improvement.

General Dynamics Information Technology (GDIT)   Falls Church, VA
Federal Background Investigator   2018 – 2019
- Top Secret DoD Security Clearance
- Worked to deploy scalable practices that resulted in a 20% increase in the resolution of cases.
- Conducted background investigations gathering personal data and professional information on potential government personnel across various departments.
- Utilized various investigation tactics and techniques, both governmental and non-governmental, to ensure the accuracy of subject files.

Universal Protection Services: Piedmont Henry Hospital   Stockbridge, GA
Security Manager   2015 – 2018

- Led and trained a team of 5-8 security guards while developing procedures to identify and track criminal activity resulting in a 50% decline in criminal activity onsite.
- Integrated and evaluated unit performance on key security issues, recommending corrective action programs where appropriate.
- Conducted analysis and gave reports with recommendations to resolve safety problems and issues that were ongoing on hospital property.

EDUCATION

Alabama State University
Bachelor of Science (B.S), Computer Information Systems 2012