

Mustafa Hayeri

hayerimustafa@gmail.com | (858) 401-3940 | [linkedin.com/in/mustafa-hayeri/](https://www.linkedin.com/in/mustafa-hayeri/) | github.com/mhayeri

TECHNICAL SKILLS

Development: Java, C#, IntelliJ, PyCharm, VS Code | **Scripting:** Python | **Web:** HTML, CSS, JavaScript, ReactJS, NodeJS | **Databases:** MySQL, PostgreSQL, MongoDB | **Statistical Analysis:** R, Pandas | **Framework/Libraries:** SmartGWT, Bootstrap, ExpressJS, Flask, JUnit, Robot Framework, Sikuli, WordPress | **Project Management:** Agile, Scrum, GitHub, GitLab, Jira, VersionOne, Confluence

EXPERIENCE

Leidos

San Diego, CA

Full Stack Software Engineer, Active Top Secret Clearance

Jun 2021 - Aug 2023

- Collaborated closely with cross-functional teams and contributed to the implementation of multiple features within a large-scale application using Java and SmartGWT, resulting in a 15% increase in project efficiency.
- Facilitated the development, implementation, and demonstration of the DIAS File Parser, a pivotal feature designed for specialized file types using Java and PostgreSQL, ensuring rigorous validation of incoming files.
- Led the development of comprehensive unit tests using JUnit to validate web application functionality, reducing bug reports by 20% and ensuring a reliable software product.
- Conducted multiple sprint planning sessions with peers to define, scope, prioritize, and build impactful features at a high velocity, ensuring minimal errors during the development process.
- Actively engaged in design and code reviews, contributing to the maintenance of high development standards.

Northrop Grumman

San Diego, CA

Software Engineer

Aug 2019 - May 2021

- Designed and implemented a comprehensive automated test suite with 100+ tests using Python to rigorously test several proprietary applications, resulting in a 50% reduction in cycle time for hundreds of tests.
- Partnered with a Senior Engineer to facilitate the seamless migration of an entire project codebase from C# to Python, while meticulously preserving the integrity of all core functionalities.
- Supported a DevOps team to integrate automated test scripts into a CI/CD Pipeline using Jenkins, enabling more efficient management of existing software and increasing overall project efficiency by 20%.
- Adhered to Agile principles, actively participating in tri-weekly Sprint meetings, fostering a collaborative team environment to drive progress.

Sheek Media

San Diego, CA

Frontend Web Developer

Jan 2018 - Aug 2018

- Collaborated with a team of developers to revamp the design and functionality of local business websites, focusing on increasing customer traffic and simultaneously enhancing SEO performance.
- Led a team of frontend developers to design and launch Sheek Developer+, an online course aimed at facilitating web development education and practice, attracting over 1000 active users within the first month of release.
- Created interactive modules and animations by leveraging HTML5, CSS3, and JavaScript to foster increased user engagement and facilitate a deeper understanding of diverse subject matter.

PROJECTS

CampFinder

San Diego, CA

JavaScript, NodeJS, ExpressJS, MongoDB, Bootstrap — github.com/mhayeri/CampFinder

June 2023

- Developed a full-stack web application that replicates key features of Yelp, enabling users to discover, review, and manage campgrounds and reviews.
- Built a REST API using JavaScript, NodeJS, ExpressJS, and MongoDB, supporting CRUD operations for campgrounds and reviews, with standardized HTTP methods and status codes.
- Defined optimized data models in MongoDB, ensuring efficient storage and retrieval of information, reduced redundancy, and optimized query performance.

EDUCATION

San Diego State University

San Diego, CA

Bachelor of Science in Computer Science

May 2019

- Data Structures & Algorithms, Algorithms & Their Analysis, Operating Systems, Scientific Database Techniques, Discrete Mathematics, Applied Probability and Statistics, Calculus.