Bailey Johnson

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Skills

Languages		Frameworks, Libraries & Technologies		
- Javascript (+TS)	- Python	- Node.js (Express)	- React + Redux	- Next.js
- Java	- C/C++	- PostgreSQL, MongoDB	- GraphQL	- ASP.NET
- C#	- VB	- Selenium/BeautifulSoup	- Flask	- Docker
- HTML5	- CSS3	- Reactstrap/Materialize	- Git/SVN	- Jenkins

Experience

NASA / KBR, Inc. (Houston, TX)   June 2020 - **Present**
Software Engineer at NASA's Johnson Space Center

- Developed a bulk editing tool for a property management web application in ASP.NET 3.5 with Visual Basic/C# (vanilla JS & jQuery on the frontend), completely eliminating the manual submission process for property database changes/submissions.
- Implemented feature/change requests (e.g. logging improvements) for session management web services and their API's using Java/C++. Fulfilled all unit testing requirements.

WetStone Technologies (Myrtle Beach, SC)   November 2018 - April 2020
Python Developer & Malware Analyst Intern

- Developed backend automation scripts using Python (Selenium, BeautifulSoup) for the collection and analysis of indicators-of-compromise, improving detection rates in our company's digital forensics tools.
- Created a suite of Python tools for monitoring the release (and automating the collection) of potentially-unwanted-programs, reducing manual processing time by approximately 90%.

Metglas, Inc. (Conway, SC)   April 2018 - November 2018
Part-Time Desktop Support Technician

- Handled support tickets and managed software installations/migrations for approximately 50 users of physical and virtual desktops.
- Leveraged Windows Active Directory to manage users and groups, regularly applying Windows updates/patches and enforcing local security policies.

DNS Filter (Myrtle Beach, SC)   October 2016 - April 2017
High-School Software Development Intern

Education

Coastal Carolina University (Conway, SC)   August 2017 - May 2020
B.S. in Computer Science, Magna Cum Laude

- Elective coursework in parallel computing (C + MPI), scientific modeling (Pandas + Matlab), machine learning (Python + Prolog) and software engineering (Angular + Java).

References available upon request. For more skills, **projects** and additional information, please visit my digital portfolio at **https://baileyjohnson.io**.