

# Bailey Johnson

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## Skills

### Languages

- Python  
- Java  
- C  
- SQL  
- Javascript  
- Golang  
- C#  
- F#

### Frameworks & Technologies

- MPI & Pthreads  
- Selenium & BeautifulSoup  
- Pandas & Matplotlib  
- Bootstrap  
- Node.js  
- React  
- MATLAB  
- Git  
- Flask  
- Docker  
- WebGL  
- CircleCI

## Experience

### WetStone Technologies (Myrtle Beach, SC)

November 2018 - **Present**

Python Developer & Malware Analyst Intern

- Developed backend automation solutions using Python for the collection/analysis of indicators-of-compromise, improving detection rates for leading digital forensics tools.
- Developed an in-house suite of tools for monitoring the collection of potentially unwanted programs, significantly decreasing response time to the release of new versions.
- Deployed, configured and maintained a WordPress instance for Allen Corporation of America.

### DNS Filter (Myrtle Beach, SC)

October 2016 - April 2017

Software Developer Intern

- Developed enhancements to DNS query processing scripts in Golang to handle additional filtering options provided in the user portal.
- Implemented bug fixes and new features to user portal web application using Node.js.

### Metglas, Inc. (Conway, SC)

April 2018 - November 2018

Desktop Support Technician

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

## Education

### Coastal Carolina University (Conway, SC)

August 2017 - **Present**

B.S. in Computer Science

- GPA: **3.85**, Graduation: **May 2020**
- Elective coursework in parallel computing, scientific modeling, computer graphics and machine learning.

References available upon request. For projects and additional information please visit my digital portfolio at <https://baileyjohnson.io>.