

Griffin C. Hood – Software Engineer

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Experience

- **Software Engineer**, Global Understanding LLC **Jan 2021 – Present**
 - Design, build, test, deploy, and maintain a full stack reporting tool from scratch consisting of a Python RESTful API and a JavaScript frontend
 - Deploy and monitor a full stack PHP application using AWS Elastic Beanstalk
 - Conduct reviews of the team's code to ensure quality and mitigate errors
 - Maintain cloud hosted applications and optimize for cost, performance, and customer experience
- **DevOps Engineer**, Growthworks LLC **Jun 2020 – Jan 2021**
 - Successfully collaborated with a global team of developers across multiple time zones
 - Worked in an Agile environment to build a workflow using Python and Apache Airflow
 - Built a data pipeline in Python to retrieve, transform, and store data from the National Weather Service
 - Administered and maintained multiple Ubuntu Linux servers
 - Configured and Installed performance monitoring solutions on Linux servers
- **Software Engineering Immersive Program**, General Assembly, Boston MA **Oct 2019 – Jan 2020**
 - A three-month software engineering boot camp focusing mainly on web application development
 - Used Test Driven Development to build four applications on an aggressive timeline for delivery
 - Developed RESTful API's written in Ruby, JavaScript, and Python utilizing both SQL and NoSQL databases
 - Built single page React applications with pre-established UI constraints that consume RESTful APIs
- **Staging Analyst**, FoodTec Solutions, Needham MA **May 2019 – Oct 2019**
 - Built and configured custom computers and equipment to run an advanced POS system
 - Remotely ran upgrades on customer machines to implement the latest software release
 - Provided technical support to customers to assist with integrating the POS system with their current systems and processes
 - Maintained network and hardware to keep customer businesses operational

Skills

- **Front-end:** Windows Presentation Foundation, XAML, JavaScript, jQuery, React, Sass, Bootstrap, HTML, CSS
- **Back-end:** C#, Java, Ruby, Rails, PostgreSQL, SQLite, Node.js, MongoDB, Django, Django REST Framework, Python
- **Tools:** Git, Visual Studio, Microsoft Office, PowerShell, Bash
- **Operating Systems:** Windows, Mac OS, Linux

Education

Southern New Hampshire University , Manchester, NH - BS in Computer Science	Jan 2021 - Present
Software Engineering Immersive , General Assembly, Boston MA	Oct 2019 – Jan 2020
Massachusetts Bay Community College , Wellesley, MA – Computer Science coursework	Jul 2016 – May 2018

Community Service

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| Assistant Coach , Needham High School Wrestling, Needham MA | December 2017 - Present |
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- Coach varsity level student-athletes in folk-style and freestyle wrestling
 - Built a React app that the organization uses to communicate between athletes, parents, and coaches and track the teams progress throughout the season