

Griffin C. Hood – Software Engineer

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Software Engineering Skills

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

Experience

DevOps Engineer, Bia Capital Partners

Jun 2020 - Present

- Collaborate with a team of developers to build a workflow using Python and Apache Airflow to predict energy costs using machine learning
- Administer and maintain various Linux servers and their processes and applications
- Continuously integrate various productivity tools including Jira, Slack, Upwork, and GitHub
- Built an ETL in Python that retrieves weather forecasting metrics and transforms them to store in a database
- Installed and configured performance monitoring solutions on Linux servers

Software Engineering Fellow, General Assembly

Sep 2019 - Dec 2019

- Tic-Tac-Toe: Developed a Tic-Tac-Toe application that communicates with a Rails API and includes user authentication, JavaScript, jQuery, HTML, and SASS
- Inventix: Built a full-stack inventory management application with a Ruby on Rails back end and a JavaScript front end that protects against cross-site scripting using Handlebars
- Ask-Nicely: Collaborated with a team of 4 developers to build a survey taking application using an Express.js and MongoDB back end
- TeamNotiphy: A React application for sports teams where users can create posts and comments and can create schedule events.

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
- Maintained network and hardware to keep customer businesses operational

Assistant Coach, Needham High School Wrestling, Needham MA

Dec 2017-Present

- Coached 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

Education

Software Engineering Immersive, General Assembly, Boston MA

Sep 2019–Dec 2019

- A three-month intensive software engineering boot camp mainly focused on web-based application development

Massachusetts Bay Community College, Needham, MA

2016-2018

- Java Programming I, New Product Development, Java Programming II