

## 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#, Java, Ruby, Rails, PostgreSQL, SQLite, Node.js, MongoDB, Django, Django REST Framework, Python
- **Tools:** Git, Visual Studio, Microsoft Office, PowerShell
- **Operating Systems:** Windows, Mac OS, iOS, Linux

### Experience

- **DevOps Engineer**, Growthworks LLC **Jun 2020 – Jan 2021**
  - Collaborated with a team of developers to build a workflow using Python and Apache Airflow
  - Responsible for administering and maintaining various Linux servers and their processes and applications.
  - Responsible for continuous integration of various productivity tools including Jira, Slack, Upwork, and GitHub.
  - Built an ETL in Python that retrieves different natural metrics and transforms them to store in a database.
  - Configured and Installed performance monitoring solutions on Linux servers.
- **Staging Analyst**, FoodTec Solutions, Needham MA **May 2019 – October 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.

### Application Development

- **Reporting Tool** – Built a full-stack reporting service consisting of a Django Rest API and a React front-end to visualize data from a legacy MySQL database
- **Ask-Nicely** - Collaborated with a team of 4 developers to build a survey taking application using an Express.js and MongoDB back-end
- **TeamNotiphy** - Developed a React application for sports organizations where users can interact through a forum and manage their schedule

### Community Service

**Assistant Coach**, Needham High School Wrestling, Needham MA **December 2017 - Present**

- 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

### Education

**Southern New Hampshire University**, Manchester, NH - BS in Computer Science **2021 - Present**

**Software Engineering Immersive**, General Assembly, Boston MA **2019**

**Massachusetts Bay Community College**, Needham, MA **2016 - 2018**