NATHANIEL C. ALLEYNE

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PROFESSIONAL EXPERIENCE

Octane Lending **(Remote)**

Software Engineer I *October 2021 – December 2022*

- Worked as a full stack engineer on a team of 6, developing consumer facing technologies for dealer products and new verticals
- Regularly created documentation, presented demos on new features, and hosted lightning talks to increase knowledge share across the tech organization
- As SCRUM coach, led a team of 6 engineers in all ceremonies, collaborated with product and management to build better sprint plans, and regularly implemented process improvements to increase team productivity and morale

Projects:

New RV Prequalification Process

Development of a new, scalable pre-qualification experience allowing the company to enter new verticals

- Developed several UI improvements to support RV applications
- Developed several API and backend changes to support RV applications
- Created a new embedded iframe experience for a partnered website
- Assisted in developing a feature to allow dealerships to capture customer consent virtually

Prequalification Joint Application Support

Expanded the existing consumer prequalification process to support joint applications

- Assisted in completing a major infrastructure refactor moving models from being Application based to Applicant based (Django/SQL)
- Developed several new APIs and refactored existing API logic for the new Applicant based backend
- Developed a tabulated checklist view for joint applications requiring a heavy refactor of the existing react pages state management
- Regularly used TDD to increase test coverage and also added a new end to end UI test to significantly decrease production outages

BioRisk Scale Survey **(Remote)**

Lead Developer *June 2021 – October 2022*

- Built workable prototype to assess local and international biothreat using C#, Javascript, and HTML
- Implemented cloud storage and web application functionality by using Microsoft Azure services and ASP.Net technologies
- Wrote 4+ Python scripts using Google Sheets API to connect Google Spreadsheet data with SQL Server
- Cooperated with project team members by using Git version control to deliver aesthetically pleasing user interfaces

Universal Health Services **King of Prussia, PA**

Software Engineer Intern *May 2019 – August 2019*

- Worked within agile processes to build optimal web applications using the ASP.Net framework
- Wrote stored procedures in SQL to return database records to the application and filtered records using C# and LINQ
- Enhanced internal dashboards using MVC frameworks combined with JQuery UI elements to support stakeholders and senior leadership

EDUCATION/EXTRACURRICULAR EXPERIENCE

Georgetown University, COL **Washington, DC**

Major: Computer Science *Graduated: May 2021*

Varsity Track and Field, Georgetown University **Washington, DC**

Varsity Athlete (Sprinter) *August 2017 – May 2021*

- Commit 20+ hours a week to training, competition, and collaboration with coaches and teammates to implement feedback in races while being active in the community

National Society of Black Engineers (NSBE), Georgetown University   **Washington, DC**

Co-Conference Planning Chair   *September 2018 – May 2021*

- Ensure the chapter is adequately represented at several conferences including Regional Leadership Conference, Fall Regional Conference, Spring zone Summit, and the Annual Convention

TECHNICAL SKILLS AND RELEVANT TOOLS

Programming Languages: Javascript (React), Python, Java, SQL, C#

Tools: Docker, Git/Github, Postgres, AWS, Datadog