

# Philip Kwaku Duah De-Graft

386-507-5304 | [pdegraft@stetson.edu](mailto:pdegraft@stetson.edu) | [linkedin.com/in/philipde-graft](https://www.linkedin.com/in/philipde-graft) | [github.com/kwakuduah12](https://github.com/kwakuduah12)

## EDUCATION

### Stetson University

*Bachelor of Science in Computer Science, Minor in Finance*

DeLand, FL

Aug. 2022 – May 2026

**Relevant Coursework:** Data Structures, Intro to Computer Science I & II, Calculus I & II, Introduction to Computer Organization, Software Development I & II

## EXPERIENCE

### Incoming Technology Solutions Intern

May 2024

*Brown & Brown Insurance*

Daytona Beach, FL

### Technology Solutions Intern

June. 2023 – Aug. 2023

*Brown & Brown Insurance*

Daytona Beach, FL

- Developed and executed a streamlined data integration strategy, leveraging the **Smartsheet API** and **Journyx API**, resulting in a **30%** reduction in data ingestion time.
- Conducted rigorous testing and performance tuning to achieve an average throughput of **600** records per minute and minimize data latency by **40%**.
- Created dynamic dashboards using **Power BI** with interactive visualizations, enabling stakeholders to gain actionable insights from consolidated data, leading to a **20%** increase in informed decision-making.
- Implemented a standardized documentation process that increased team efficiency by **20%** and improved cross-functional collaboration.

### Student Web Developer

Jan 2023 – Present

*Stetson University*

DeLand, FL

- Developed and launched over **15** new websites for academic departments and student organizations including Stetson University's autoplay homepage.
- Provide technical support for **500+** users, resolving hardware and software issues, and configuring and installing software on desktops and laptops with a satisfaction rate of over **90%**.
- Reduced website load times on mobile devices by an average of **4** seconds through performance optimization techniques
- Spearheaded collaboration within the IT team to enhance campus operating systems, resulting in a notable **25%** improvement in system performance.
- Assess and troubleshoot computer problems brought by students, faculty and staff
- Maintain upkeep of computers, classroom equipment, and 200 printers across campus

## PROJECTS

### Responsive Web Design Certification | *HTML/CSS, JavaScript*

April 2024 – Present

- Built responsive web applications using HTML, CSS (including advanced features like variables & Flexbox/Grid).
- Designed and developed multiple web applications, including a survey form, tribute page, registration form, product landing page, photo gallery with Flexbox, and a personal portfolio webpage.
- Focused on accessibility best practices.

### 2D Ball Game | *OpenGL, GLUT, Box2D, Git*

April 2024 – May 2024

- Developed a 2D ball game in C++ using **OpenGL** for rendering and **Box2D** for physics simulation.
- Integrated complex features such as power-ups and special items, enhancing gameplay dynamics and user engagement.
- Implemented player control using keyboard arrows and incorporated a scoring system based on collected objects.
- Employed advanced debugging techniques and AI tools to optimize code performance and accelerate development progress.

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R, C#

**Frameworks:** React, Node.js, .NET, SmartsheetAPI, JournyxAPI

**Developer Tools:** VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Git

**Libraries:** pandas, NumPy, Matplotlib