

JUSTIN CHARLES BURRELL

Bronx, NY, 10475 • (914) 715-0103 • justinburrell715@gmail.com • www.linkedin.com/in/thejustinburrell

EDUCATION

Lehigh University - Bethlehem, PA

Expected Graduation May 2026

Bachelor's of Science in Computer Science and Engineering

Relevant Coursework: Introduction to Computer Science, Data Structures and Algorithms, Software Engineering, Discrete Structures and Algorithms, Calculus II, Computer Science Capstone, Design and Analysis of Algorithms

TECHNICAL SKILLS AND INVOLVEMENT

Programming Languages: Javascript, Python, HTML/CSS, Java, SQL, Dart, C#

Frameworks and Other Tools: React.js, AWS, Maven, Google Cloud, Flutter, Git, VS Code, Jupyter, ASP.NET, Firebase, Docker

Organizations: National Society of Black Engineers, ColorStack, Kappa Alpha Psi Fraternity, Inc., All Star Code, Prep for Prep

Interests: New York Knicks, Soul Food, Cooking, R&B, Travel, eSports

PROFESSIONAL EXPERIENCE

Frood, Bethlehem, PA

Full Stack Engineer

January 2025 - Present

- Developed and deployed four analytics metrics to track user engagement across the web platform, providing actionable insights to improve retention and usability.
- Refactored backend services and redesigned the database using ASP.NET Core, C#, and SQL to ensure scalability for onboarding new universities and expanding use cases.
- Redesigned web and mobile apps using ASP.NET, Flutter, and Dart as part of a company-wide rebrand, improving UI consistency and user experience.
- Implemented CI/CD pipelines, Docker containerization, and Kubernetes orchestration to automate deployments and improve system scalability and reliability.

Business Strategist

June 2025 - Present

- Contributed to social media and marketing strategies to increase brand reach, engage users, and support campaigns for two new product use cases.
- Assisted in developing an approach to help universities experience the product through trial programs and tailored onboarding, with the goal of converting them into paying clients.

EY US, New York, NY

Launch Technology Consulting Intern

June 2024 - August 2024

Rotation One: Artificial Intelligence and Data Automation (AI&D)

- Created client-ready presentation materials using Microsoft Office to explain the team's data testing processes, the role of manual and automated testing in AI applications, and the value of a proposed data framework.
- Collaborated with offshore data engineers and analysts to debug and optimize data frameworks using SQL, Python, and AWS, improving performance and reliability.
- Researched methods to enhance the efficiency of the data processing pipeline and proposed a new solution that was successfully adopted by the team.

Rotation Two: Systems, Applications & Products in Data Processing (SAP)

- Managed and organized over 300 process documentation files using SAP Signavio to support workflow automation, compliance, and operational efficiency.
- Updated content on the firm's front-end SAP site and participated in sessions with industry leaders to deepen understanding of SAP best practices and enterprise integration.

LEADERSHIP EXPERIENCE AND CAMPUS INVOLVEMENT

Omicron Kappa of Kappa Alpha Psi Fraternity Incorporated., *Polemarch and MTA Chairman*

November 2023 - Present

- Led new member education by teaching Kappa Kore classes to three initiates, resulting in the highest initiation exam scores in the region.
- Collaborated with alumni, chapter members, and partner organizations to plan and host an average of seven professional, social, and service events per semester, while facilitating chapter meetings to drive execution.
- Acted as the official liaison between Lehigh University and Kappa's international headquarters, reporting chapter operations in monthly president meetings and biannual national conferences.

Black Student Union, *President*

August 2023 - Present

- Serve as the primary liaison between the Black student community and Lehigh University, collaborating with the Alumni Office, Office of Multicultural Affairs, and school administration to host 35 culturally relevant and inclusive events.
- Designed and implemented a member recruitment and retention strategy, expanding the organization to 500 members.