# 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**, Remote
*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.
- Used ASP.NET, Flutter, and Dart to redesign the web and mobile applications as part of a company-wide rebrand, enhancing 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 materials using Microsoft Office to articulate complex data testing processes, enhancing comprehension and engagement while contributing to  manual and automated testing of AI applications.
- Partnered with offshore data engineers and testers to troubleshoot and optimize data frameworks, gaining hands-on experience in SQL, AWS, and Python development.
Rotation Two: Systems, Applications & Products in Data Processing (SAP)
- Managed and organized 300 files using SAP Signavio to ensure workflow automation and compliance, while updating the firm's front-end SAP website and gaining insights from industry leaders on SAP practices.

## LEADERSHIP EXPERIENCE

**Omicron Kappa of Kappa Alpha Psi Fraternity Incorporated.**, *Polemarch and MTA Chairman*          November 2023 - Present
- Expanded campus presence through social media promotions, tabling, events, and service activities while serving as a liaison between the chapter, administrators, and student body.
- Led new member education programs and communicated chapter operations to alumni and department chairs.

**Black Student Union,** *President*                                                          August 2023 - Present
- Prevented scheduling conflicts and boosted event quality, enhancing member and Lehigh community engagement through innovative planning and resource management.
- Orchestrated diverse events, creating two new initiatives per semester while ensuring seamless logistics, budget management, and security.
- Leads executive board meetings, and serves as face of the organization with partner departments and organizations.

**Student Senate,** *Assistant Vice President of Finance*                                     January 2023 - Present
- Conducted financial reviews of student-run organizations, assessing their budget proposals, expenditure, and historical spending patterns to ensure responsible allocation of the $450,000 Senate budget.
- Collaborated with club leaders to assess the impact and relevance of proposed initiatives to prioritize allocations that align with the diverse needs and interests of Lehigh University's student body.