**EDUCATION**

**The University of Georgia**, Morehead Honors College, Athens, GA Expected: 05/27

*Bachelor of Science, Computer Science* GPA: 3.83

*Minor, Spanish and Business*

**Honors & Awards**: Zell Miller Scholarship, Dean’s List, IB Diploma

**Veritas University**, San José, Costa Rica May 2024-June 2024

SPAN 3020, SPAN 4120

**ACADEMIC EXPERIENCE**

**Extended Essay**, Campbell High School, Smyrna, GA August 2021-February 2023

*Researcher and Author, Mentor: Ben Willis, History*

* Explored how the presence of the mafia affected the economy of the region of Sicily Italy following World War II
* Utilized my findings to author a 3,500-word argumentative paper on the extent to which the mafia affected Sicily

**Calorie Meal Planner**, University of Georgia, Athens, GA March 2024-May 2024

* Learned front-end and back-end development through JavaFX to create a fully functioning application that allowed seamless user-interface interaction, providing me knowledge of both front-end and back-end development
* Developed a Java application on a Linux environment that utilized API’s and handled the responses in a JSON format, combining features offered from GIT to create a useful and functional application
* Developed a Java application that allowed user input to output meal ideas and the calorie density of the meal by utilizing various programming libraries, familiarizing myself with optimizing User Experience and Systems Development

**Choose Your Own Adventure Game**, *Software Development* January 2024-March 2024

* Developed a Java-based interactive “Choose Your Own Adventure” game in Eclipse, designed with strong object-oriented architecture
* Used abstract classes and interfaces to define the story nodes and choices, while handling user input and gameplay branching through conditional logic and dynamic class interactions

**Text-to-Speech Web App**, Personal Project May 2025-present

* Developed a full-stack Text-to-Speech web application using Python (Flask), HTML, and CSS, integrating back-end logic with a user-friendly front-end, familiarizing myself with full-stack development using Python, HTML, and CSS
* Applied version control with Git branching, merging, and pull requests, documented functionality, and implemented audio processing logic, while providing an intuitive user experience through a Flask-based front-end

**CAMPUS & COMMUNITY INVOLVEMENT**

# Theta Tau, Athens, GA August 2024-present

# *Professional Engineering Fraternity*

* Foster a supportive and inclusive fraternity environment by guiding peers through academic and career development challenges, utilizing strong communication skills and innovative mentoring strategies to promote professional growth
* Enhance professional development by attending career fair prep sessions, resume workshops, and networking events, while engaging with industry professionals and fellow fraternity members to expand industry knowledge and connections

**UGA Shopping with A Bulldog Mentoring (SWAB)**, Athens, GA August 2023-present

*Mentor*

* Raise funds and help children in the Athens area through a personalized holiday shopping experience, helping them get meaningful Christmas gifts for the holidays

# IB Open House, Smyrna, GA August 2022-May 2023

# *Speaker*

* Developed marketing materials to highlight the IB program
* Promoted the program to potential students and parents

# Competitive Soccer, Marietta, GA August 2019-May 2023

# *Captain*

* Led my team through a successful season to make the playoffs again after losing more than half of the team through strong leadership and communication, winning my teams Defender of the Year and making the All-County Team
* Developed marketing materials to promote my school’s IB and soccer program, creating and sharing presentations around the county to potential students, leading to an increase of applications to the IB program the following year

# Society for Cyber Security, Athens, GA August 2023-present

# *Member*

* Gain insight on real-world utilization of cybersecurity methods through company presentations
* Gain interactive experience on cybersecurity techniques, such decryption, identifying vulnerabilities, and utilizing open-source cybersecurity tools to develop my understanding of real-world cybersecurity methodologies

**WORK EXPERIENCE**

**Oversight,** Marietta, GA May 2025-present

*Intern*

* Collaborated with multiple teams to develop the backend of an AI-powered auditing system, utilizing code in Java and Python that supported client-facing features and enhanced the system’s abilities
* Managed and organized datasets exceeding 30,000 rows in Excel, implementing efficient sorting, cleaning, and lookup processes that streamlined customer analytics
* Engage with clients to gather product feedback and insights, translating user feedback into technical specifications that influenced development and improved customer satisfaction.
* Applied data science methodologies to audit and optimize the AI system’s performance and user interface, leading to a measurable increase in detection accuracy and internal adoption across the company.
* Utilized Microsoft Office Suite to complete tasks, manage 30,000+ row datasets in Excel, and collaborate with teams and clients for improved efficiency through Teams.
* Develop shell scripts to modernize and automate routine backend tasks, improving system efficiency and reducing manual input across teams
* Engage with clients to gather product feedback and translate business needs into technical requirements, influencing backend feature design and improving platform usability.
* Utilize cybersecurity tools, including Darktrace, LayerX, CrowdStrike, and customer failure reports to assess malicious material attempting to enter the network, leading to 0 system infiltrations and less than 5 vulnerabilities per week

**UGA Athletics,** Athens, GA June 2024-present

*Property Assistant*

* Collaborate with UGA Partnership team to organize and run events held for corporate partners by leading the set-up of events and building strong client relationships through attentive service, resulting in strong organizational and interpersonal skills
* Build client-focused presentations that give overviews of their contributions to UGA athletics by analyzing data and visuals, integrating these insights into PowerPoint, strengthening my analytical and client interfacing skills

**UGA Rec Sports**, Athens, GA September 2023-January 2025

*Official*

* Regulate recreational games to facilitate fair games by enforcing rules and finding innovative, snap solutions that occur during the game, creating a safe, competitive environment and developing my leadership and improvisational skills

**SKILLS & INTERESTS**

* Fluent in Spanish
* Proficient in Java and C
* Competitive soccer player
* Parallel Programming
* Leadership