

# Dustin I. King

803.524.0068 | dustinisaacking@gmail.com | <https://dustink5678.github.io/DustinKingSpace> | [www.linkedin.com/in/dustin-king](http://www.linkedin.com/in/dustin-king)

## Education

**University of South Carolina Molinaroli College of Engineering and Computing**

**Columbia, SC**

*Bachelor of Science*

*05/2027*

**Majors:** Computer Information Systems, Integrated Information Technology | **Minor:** Business Information Systems | **GPA** 3.971 / 4.0

**Achievements:** Dean Scholar | Palmetto Fellow Scholar | President's and Dean's List

## Professional Experience

**Full Stack Web Developer and Tech Consultant – UpAhead**

**Columbia, SC**

*12/2024 - Current*

- Provide technical consulting to improve system architecture and workflow efficiency.
- Develop and maintain a full-stack website integrating Stripe API, Firebase API, Amplitude Session Replay, PostHog, Google Calendar API, and Google/Microsoft Authentication.
- Collaborate directly with the CEO and team to manage deadlines and communicate project progress effectively.

**US Navy Autonomous Unmanned Vessel Perception Research – University of South Carolina**

**Columbia, SC**

*11/2024 - Current*

- Collaborate with multidisciplinary teams to build reliable perception technologies suited for Navy and Marine Corps missions, working on a project subfield with an overall budget of 5 million dollars.
- Assist in the development of AI-powered EO/IR camera systems for better performance in diverse weather and lighting environments.
- Conduct physics-based analyses to evaluate sensor configurations and their effectiveness in real-world conditions.

**Student Engineering Consultant – Psylotech**

**Columbia, SC**

*10/2024 - 1/2025*

- Engage with clients to assess their business needs, leveraging engineering expertise to develop marketing solutions.
- Design marketing strategies tailored to highlight Psylotech's technical capabilities, aligning with client goals and industry trends.
- Collaborated with a team of consultants to integrate client feedback into cohesive marketing strategies, ensuring alignment with engineering principles and market demands.

## Leadership Experience

**Theta Tau CO-ED Professional Engineering Fraternity - Brother, Director of Brotherhood Relations**

**Columbia, SC**

*01/2024 - Current*

- Coordinate with executive board members to align social initiatives with the fraternity's philanthropy goals.
- Orchestrate social and professional development events, balancing fraternity goals with brother engagement, specifically focusing on new member engagement during and following orientation.
- Manage and balance a \$2,000 budget, increasing event attendance from 19% to 46% in a single semester.

**Gamecocks Consulting Club - Director of Competitive Events**

**Columbia, SC**

*09/2024 - Current*

- Collaborate with team members to analyze case studies and develop solutions for real-world business challenges.
- Compete in casing competitions, consistently applying strategic problem-solving skills, including securing first place in the organization's onboarding case and competing in high-level cases hosted by companies such as EY and McKinsey.
- Participate in workshops and training sessions to improve consulting skills, including problem-solving, presentation, and client communication.

## Personal Projects

*Video Demonstrations and Code on Personal Website*

**Voice Assistant With API Client and Windows System Interactions - VSCode - Python, API**

- Self-programmed entirely in python, using logic handling and voice recognition to process user requests through string handling.
- Designed functions to run and complete daily tasks such as fraternity duties such as emails, messages, and calendar events.
- Used system commands and shortcuts to handle Windows background operations such as app or media handling, and API interactions.

**"PickleUp" Social Media Pickleball Application - XCode, Github - FireBase - Swift/SwiftUI**

- Lead programmer for the frontend, backend, and style of the application, with assistance from one peer developer, all changes and collaborations were uploaded through GitHub.
- Developed using a FireBase backend, with a front end and styling in XCode using SwiftUI, all built for Apple's App Store requirements.

**Personal Website - HTML, CSS, GitHub**

- Published a portfolio website on GitHub, integrating multimedia elements like embedding YouTube videos.
- Featured key projects and achievements through a visually appealing layout using HTML and CSS.
- Organized content, including personal projects and my resume, to create an engaging and informative site.

## Skills and Interests

**Skills:** Advanced Python, Java | Intermediate: C++, Swift/SwiftUI, XCode | Intro: Java Script, HTML/CSS, GitHub | Project Management.

**Interests:** Graphic Design, Content Creation, Biomedical Studies, Lacrosse, Charlotte Sports, Concerts, Vinyl Collection.