Dustin I. King

803.524.0068 | dustinisaacking@gmail.com | www.linkedin.com/in/dustin–king

Education

University of South Carolina Molinaroli College of Engineering and Computing   **Columbia, SC**
Bachelor of Science   *Graduation–05/2027*
Majors: Computer Information Systems, Integrated Information Technology | **Minor**: Business Information Systems | **Major GPA**: 4.0/4.0
Scholarships: Dean Scholar | Palmetto Fellow Scholar | President's and Dean's List | STEM Scholar
Honor Societies: Alpha Alpha Alpha – First Generation Honor Society
Relevant Coursework: Accounting, Management, Cybersecurity, Databases, Networking, Data Structures and Algorithms

Professional Experience

Co-Founder and Backend Developer – CADA (Habit Building Application Startup)   **Charlotte, NC**
- Co-founded and develop a habit–building platform, collaborating with consultants from PwC and Accenture and   *06/2025–Current*
  an investment banker from Allen & Company to align technology strategy with business goals.
- Provide consulting on AI integration and user notification systems to enhance personalization and drive habit formation.
- Lead backend development and user interface strategy, ensuring scalable architecture and intuitive design for user engagement.

Founder and Developer – Vault Audit (Blockchain Audit and File Management System)   **Charlotte, NC**
- Engineered a new blockchain system to verify file integrity through the blockchain for immutable audit trails.   *05/2025–Current*
- Collaborated with a PwC consultant to build a platform to provide a bridge between digital assets and auditing, leading to the project being submitted for research publication.
- Designed the platform to support enterprise–grade scalability and compliance for global audit operations by Fortune 500 companies.

Lead Biomedical Software Architect & Technical Consultant – University of South Carolina   **Columbia, SC**
- Provide technological consulting and leadership, bridging biomedical research with advanced software systems   *04/2025–Current*
  for defense and government applications.
- Led a cross–functional team of two software engineers and three biomedical researchers to design a full–stack biomedical platform, leading to the prototype being selected for full–scale production and full federal funding.
- Develop AI–driven analytics and real–time monitoring tools, enabling faster insights and improving research efficiency.

AI Research Lead – US Navy Autonomous Perception Systems – University of South Carolina   **Columbia, SC**
- Lead a team of four software engineers within a larger multidisciplinary group of different engineering disciplines to   *12/2024–Current*
  develop reliable perception technologies that meet Naval standards for a $5M federally funded defense project.
- Develop artificial intelligence solutions to enhance camera systems for better performance in diverse weather and lighting environments.
- Oversee deliverables and present progress during performance reviews, ensuring alignment with project milestones and expectations.

Full Stack Software Engineer & Technical Strategy Consultant – UpAhead   **Columbia, SC**
- Led a development team of four software engineers and three marketing interns, scaling the UpAhead platform from   *12/2024–4/2025*
  its founding with zero active users to over 5,000 active users by managing project timelines and maintaining core systems.
- Integrated cloud infrastructure, payment processing, authentication systems, and analytics tools to improve platform reliability.
- Provided technological consulting directly to the startup's CEO to improve system architecture and workflow efficiency.

Student Technology Consultant – Psylotech   **Columbia, SC**
- Collaborated with the Graduate Gamecock Consulting club to provide technological consulting to Psylotech.   *10/2024–12/2024*
- Conducted a review of Psylotech's website and product interface, identifying areas for enhancement aligned with industry best practices.
- Delivered actionable recommendations directly to Psylotech's Technology Director, leveraging technical expertise and market insights to support strategic decision–making, leading to new system implementations.

Leadership Experience

Gamecock Consulting Club – Director of Competitive Events, Vice President of External   **Columbia, SC**
- Lead a team of three directors to expand firm partnerships, strengthening the club's external network.   *09/2024–Current*
- Achieved 1st place in the club's onboarding case competition and competing in the McKinsey & EY Darla Moore International Summit.
- Coordinated with the Darla Moore School of Business to plan two national-level consulting events, bridging firms and universities across the country, creating opportunities for University of South Carolina students and prospective consultants nationwide.

Theta Tau Professional Engineering Fraternity – Onboarding Mentor, Technology Chair   **Columbia, SC**
- Led a team of 11 members to reprogram a new fraternity website to improve usability and engagement.   *01/2024–Current*
- Provide mentorship, advice, and work as the liaison between the fraternity and new members during onboarding.
- Actively participate in service events to benefit the local community, completing 157 community service hours.

Skills and Interests

Skills: Advanced: Python, Java, JavaScript, React, HTML/CSS, GitHub, AWS, Google Cloud, Azure | Intermediate: C++, Swift, Xcode, Excel, Data Analysis, Project Management, Market Research, Financial Modeling, Strategic Planning.

Interests: Pickleball, Carolina Panthers, Charlotte Hornets, Vinyl Collection, Lacrosse, Chess Club, Concerts, Graphic Design, Content Creation, Biomedical Studies, Gamecock Flag Association