KRISTIAN FISCHER

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EDUCATION

University of Florida, Gainesville, FL
BS in Computer Engineering, Minor in Mathematics, Certification of AI Fundamentals and Applications
August 2022 – May 2026
GPA: 3.81
- **Honors:** Undergraduate Research Scholars Program, University Honors Program

PROFESSIONAL EXPERIENCE

Black Knight Financial Services
Full Stack Developer, Intern — May 2023 – Present
- Worked with the Servicing Digital Division, Black Knight's standalone mortgage loan servicing application.
  - Implemented bug fixes and UI improvements to SD utilized by over a million users across the nation, using Angular JS.
  - Converted BSS APIs to Microservices and integrated them into existing software with Spring Tools Suite
  - Actively participated in Agile/SAFe meetings including daily scrums and iteration/PI planning and retrospectives.
- Reconfigured Azure Docker images to run through Jib, building a SpringBoot application to test new pipeline speed.
- Mentored by senior developers on multiple functions of Amazon Web Services for companywide challenge AWS Cup.

Horizonline Technologies
Dart Developer, Intern — June 2022 – September 2022
- Developed new features for MoqBuy, a bulk sale product used by over 500 retailers, in collaboration with a mentor.
  - Prototyped a Flutter mobile application and integrated the MoqBuy API for authentication and data management using Dart.
  - Restructured a convoluted YAML API framework into multiple simplified endpoint declarations.
- Communicated directly with clients to create preventative maintenance schedules by importing, cleansing, and processing data based on their data centers' configuration using Horizonline's data management software.

DEVELOPMENT EXPERIENCE

Contacted – *TypeScript, Expo (React Native)* — June 2023 – Present
- Created CRM application used to remind the user to reach out to specified contacts based on set time frequencies.
  - Integrated Google's PaLM2 API, allowing the user to generate template messages through its generative language AI model.
  - Utilized Google Firebase for OAuth2 authentication and Google Firestore to store user information and dynamically update the app.
  - Designed user interface with React Expo, using NativeWind and TailwindCSS to style components.

RiceKing – *Dart, Flutter* — June 2022 – August 2022
- Developed a Flutter application to time cooking rice and implemented push notifications that notify the user of the remaining cooking time.
  - Integrated with the camera to allow users to take photos of their rice to share with friends.

Bounce! – *Java* — October 2020 – March 2021
- Developed a mobile android game using Android Studio and designed the graphics and audio with Krita.
- Published the game to the Google Play Store and generated revenue from Google AdMobs in-game advertisements.

LEADERSHIP AND INVOLVEMENT

Mentored Undergraduate Research
Undergraduate Researcher — January 2023 – Present
- Designed climate survey to determine the effect of ChatGPT on public perception of artificial intelligence.
  - Synthesized the results of over 100 responses from UF technology courses and presented the findings at two research symposiums.
- Implemented R scripts and performed data analysis to determine the impact of autonomous driving mechanisms on disabled drivers.

Women in Electrical and Computer Engineering
Webmaster — January 2023 – Present
- Implemented a website to promote women's ECE involvement at the University of Florida.
  - Created wireframe with Figma and developed user interface with React.js, managing source control with Git.
  - Centralized club's information and planning, providing meeting dates and discussion topics to current and prospective members.
- Organized weekly meetings, created Gantt charts to set team goals and direction, and reported progress to supervisors.

Florida Alpha Chapter of Sigma Phi Epsilon
Finance Tech Director — November 2022 – Present
- Worked under the Vice President of Finance to organize and automate financial transactions using Google Apps Script and developed a web scraper to import Venmo transactions into Google Sheets using JavaScript.

Recruitment Tech Chair — November 2022 – Present
- Worked under the Vice President of Recruitment to automate the recruitment process for over 450 applicants and automatically schedule multiple rounds of interviews for over 80 potential members using Google Apps Script.

SKILLS

Languages: Typescript, JavaScript, Java, C++, Python, Dart, HTML
Frameworks: React.js, React Native, Flutter, Angular JS, Spring Boot, Node.js, Git
Certifications: MTA 98-388, MTA 98-361, SolidWorks