

KRISTIAN FISCHER

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EDUCATION

University of Florida, Gainesville, FL

August 2022 – May 2026

BS in Computer Engineering, Minor in Mathematics, Certification of AI Fundamentals and Applications

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 servicing application.
 - Implemented bug fixes and UI improvements to SD utilized by over a million clients 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 Java 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-based 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 sounds 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

- Elected to development team tasked with redesigning and implementing a website to centralize our club's information and planning.
 - Created wireframe with Figma to outline website functions, capabilities, and basic UI elements.
 - Developed user interface with React.js, managing source control with Git to ensure fluid team development.
- 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

Frameworks: React.js, React Native, Flutter, Angular JS, Spring Boot, Node.js, Git

Certifications: MTA 98-388, MTA 98-361, SolidWorks