KRISTIAN FISCHER

kristianfischer@ufl.edu | kristian-fischer.com | linkedin.com/in/kristianfischer29 | github.com/kristianfischer

EDUCATION

University of Florida, Gainesville, FL   **August 2022 – May 2026**
BS in Computer Engineering, Minor in Mathematics, Certification of Artificial Intelligence   GPA: 3.81
- **Honors:** University Honors Program, Undergraduate Research Scholars Program *(Offered to top 2% of students)*
- **Related Coursework:** Data Structures and Algorithms, Programming Fundamentals II, Discrete Structures

PROFESSIONAL EXPERIENCE

Black Knight Financial Services *(Awarded 2023's Outstanding Intern by Senior Management)*
Full Stack Developer, Intern   **May 2023 – August 2023**
- Worked in the agile release train for Servicing Digital, a single page application for mortgage loan servicing.
  - Implemented UI improvements experienced by 10 million monthly users across the nation, using Angular.
  - Developed PL/SQL scripts to edit database schema, using Flyway to migrate changes across Oracle instances.
- Performed a mentored system migration using Amazon Web Services' MGN, VPC, and EC2 features.

Horizonline Technologies
Dart Developer, Intern   **June 2022 – September 2022**
- Developed features for MoqBuy, a bulk sale product used by over 500 retailers, in collaboration with a mentor.
  - Prototyped a Flutter mobile app and integrated the MoqBuy API for authentication and data management.
  - Restructured a convoluted YAML API framework into multiple simplified endpoint declarations.

DEVELOPMENT EXPERIENCE

Contacted – *TypeScript, Expo (React Native)*   **June 2023 – Present**
- Created a CRM application which reminds users to reach out to specified contacts based on set time frequencies.
  - Integrated Google AI PaLM2, enabling users to generate template messages via its large language model.
  - Utilized Google Firebase for OAuth2 authentication, Firestore for data storage, and NativeWind for styling.

RiceKing – *Dart, Flutter*   **June 2022 – August 2022**
- Developed an app to time cooking rice, implementing push notifications to update users on their rice's status.
  - 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.
- Attained over 20 downloads from the Play Store and earned revenue from Google AdMob's in-game ads.

LEADERSHIP AND INVOLVEMENT

Women in Electrical and Computer Engineering
Webmaster   **January 2023 – Present**
- Implemented a website to promote women's Computer Engineering involvement at the University of Florida.
  - Created a wireframe with Figma and developed the user interface with React.js and Tailwind CSS.
- Gained over 100 new members, organized over 40 events, and raised over $3,000 in sponsorship in 2022-2023.

Undergraduate Research
Undergraduate Research Assistant   **January 2023 – May 2023**
- Designed a climate survey to determine the effect of ChatGPT on public perception of artificial intelligence.
  - Synthesized the results of over 100 responses from UF courses and presented at 2 research symposiums.
- Implemented R scripts using research data to determine the impact of self-driving technology on disabled drivers.

Florida Alpha Chapter of Sigma Phi Epsilon
Finance Tech Director, Recruitment Tech Chair   **November 2022 – Present**
- Developed a web scraper to import over $60,000 in Venmo transactions into Google Sheets using JavaScript.
- Automated the recruitment process of over 450 applicants and automatically scheduled multiple rounds of interviews for over 80 potential members using Google Apps Script.

SKILLS

Languages: Typescript, JavaScript, Java, C++, Python, Dart, HTML, SQL
Frameworks: React.js, React Native, Flutter, Angular, Spring Boot, Node.js, Oracle