

# Ryan Bartley Circelli

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## Education

University of Florida, Gainesville, FL

May 2024

B.S. in Computer Science, Minor in Economics, Certification of AI Fundamentals and Applications

GPA: 3.97

- **Honors:** University Research Scholars Program, University Honors Program

## Professional Experience

### **Fidelity Investments**

Angular Developer, Intern (Return Offer Extended)

June 2023 – August 2023

- Developed a new investment dashboard for the Personal Investing division and a real-time data-driven application replacing Active Trader Pro using Angular, delivering vital stock market metrics.
  - Actively participated and led numerous SAFe/Agile meetings.

Full Stack Developer, Intern (Return Offer Extended)

June 2022 – August 2022

- Worked with the Enterprise Cybersecurity division to increase internal data observability.
  - Developed a website to observe data between Splunk Cloud and internal Splunk to alert of missing data using Angular 12, PrimeNG, and Express.js.
  - Deployed AWS Lambda functions with Terraform; parsed data to Snowflake; masked sensitive data via Cribl.

### **Black Knight, Inc.**

Java Developer I, Intern (Return Offer Extended)

May 2021 – August 2021

- Worked with the Mortgage Loss Mitigation division to implement industry-regulated retention and liquidation workouts, as well as forbearance and modification programs to support borrowers impacted by COVID-19.
  - Applied Test Driven Development (TDD) principles to develop a Spring Boot-based API.

## Development Experience

Lifted – React Native (Expo)

May 2021 – Present

- A social media app that tracks workouts at the gym and allows users to share workouts with friends.
- Backend Stack: Terraform pipeline with DynamoDB, Cognito, Neo4j, and powered with Vercel Edge Functions.

7days – React, JavaScript

November 2022 – May 2023

- List-based calendar manager using the Google Calendar API, styled with TailwindCSS.

IPFS Hosting – Terraform, Git

September 2022 – November 2022

- Terraform and GitHub Actions pipeline used to deploy and provision an AWS EC2 instance as an InterPlanetary File System (IPFS) node to host my resume on a static IPNS address on the Ethereum domain, ryancircelli.eth.

## Leadership and Involvement

### **Habitat for Humanity**

Volunteer - Weekly

January 2022 – Present

- Taught peer volunteers building and DIY skills while building houses for Alachua County residents.

### **University of Florida Homecoming & Gator Growl**

Gator Growl Director of Finance

February 2023 – December 2023

- Responsible for managing an overall budget in excess of \$750,000 for UF Homecoming & Gator Growl 2023

### **Florida Alpha Chapter of Sigma Phi Epsilon**

Vice President of Finance

November 2021 – November 2022

- Managed a chapter-wide budget in excess of \$1,000,000 for the 2022 fiscal year for 150+ members.
- Integrated with Plaid API to automatically pull, parse, and budget bank transactions using Google Apps Script.
- Developed a web scraper for the LegFi website to track members and outstanding charges in Google Sheets.

### **University Research Scholars Program**

Research Mentor

August 2021 – May 2022

- Provided educational and professional guidance, advice, and feedback to computer science freshmen.

Research Assistant in Advanced Construction Information Systems

January 2021 – May 2021

- Explored applications of virtual/augmented reality game engines, BIM, and cloud-based solutions in construction.

## Skills

**Languages:** Typescript, JavaScript, Java, C++, Python, SQL, NoSQL

**Frameworks:** React.js, React Native, Angular 2+, Spring Boot, Terraform, Node.js, Git