

Ryan Bartley Circelli

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Education

University of Florida, Gainesville, FL

May 2024

B.S. in Computer Science, Minor in Economics

GPA: 4.0

- **Honors:** University Research Scholars Program, University Honors Program, Engineering Dean's List (2020)
- **Relevant Coursework:** Programming 1 (Java), Programming 2 (C++), Discrete Structures, Data Structures and Algorithms, Intro to Compu Org. (ARM), Operating Systems, Info and Database Systems 1 (SQL), A.I. Fundamentals

Professional Experience

Fidelity Investments

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

7days – React, JavaScript

November 2022 – Present

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

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 and Cognito and powered with Vercel Edge Runtime Functions.

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

University of Florida Homecoming & Gator Growl

Gator Growl Director of Finance

February 2023 – Present

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

Habitat for Humanity

Volunteer - Weekly

January 2022 – Present

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

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.
- Collaborated with a third-party auditing agency to file taxes and reconcile accounts.
- 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

Proficient in: Python, Java, JavaScript, C++, React Native, React.js, Angular 2+, Node.js, Spring Boot, Terraform

Exposure to: TypeScript, SQL, NoSQL, Git, Blender