

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, Program Lang Concepts, Information and Database Systems 1 (SQL), A.I. Fundamentals

Professional Experience

Fidelity Investments

Full Stack Developer, Intern

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.
 - Used Terraform to deploy AWS Lambda functions that made HTTP requests and sent parsed data to Snowflake.
 - Routed incoming data through Cribl to mask sensitive data, reformat, and send to multiple data destinations.

Black Knight, Inc.

Java Developer I, Intern

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.
 - Engaged in and led several SAFe/Agile meetings.

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 AWS API Gateway, Lambda, DynamoDB, and Cognito, tested with Mocha.

MKWiiCTC – Blender, C#

January 2018 – November 2020

- Modded Mario Kart Wii courses with custom models shared on a common mod called CTGP and published multiple courses played by thousands of active players.

Leadership and Involvement

Florida Alpha Chapter of Sigma Phi Epsilon

Vice President of Finance

November 2021 – Present

- 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.

Habitat for Humanity

Volunteer - Weekly

January 2022 – Present

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

University Research Scholars Program

Research Mentor

August 2021 – May 2022

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

Studies in Advanced Construction Information Systems

Research Assistant

January 2021 – May 2021

- Researched the usage of Building Information Modeling (BIM), BIM in the cloud, and Virtual Design and Construction, and explored the applications of virtual and augmented reality game engines 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

Certifications: Cribl CCOE Stream User (2022)