

# Daniel Jonas

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A computer science student who has demonstrated their abilities in the development, testing, and deployment of various projects, both independently and as part of a team

## Education

[Bachelor's in Computer Science](#), Florida International University

Expected Graduation Date: Spring 2024

GPA: 3.65

## Skills

React.js, Next.js, Node.js, Express.js, HTML, CSS, SASS, SCSS, Tailwind, JavaScript, Python, PostgreSQL, AWS

AWS Certified Cloud Practitioner  
Microsoft Certified: Azure Fundamentals

## Experience

[Full-Stack Development Intern](#), Codepath X Workday

- Selected as one of 35 interns out of 1800 applicants to participate in CodePath's SITE program, a 10-week intensive internship focused on full-stack development, including HTML, CSS, JavaScript, React, Express.js, Node.js, and PostgreSQL
- Led, planned, and developed a 5-week capstone project ([FlashiCards](#)) in a SCRUM setting

## Projects

[Personal Website](#):

- Implemented a Continuous Integration / Continuous Delivery solution using Amazon Web Services CodePipeline, GitHub, and Amazon Simple Storage Service (S3)
- Launched a Content Delivery Network (CDN) using Amazon CloudFront, including SSL encryption and Domain Name System (DNS) resolution, connecting to an existing Google-hosted site
- Developed a JavaScript script that calls an Amazon API Gateway endpoint to invoke an Amazon Lambda function
- Added an Amazon DynamoDB NoSQL database to provide a dynamic visitor count utilizing the Lambda function

[FlashiCards](#):

- Contributed to a team of 3 developers responsible for all aspects of the project
- Developed and launched a flashcard study tool using Heroku, Amazon S3, Amazon CloudFront, and Amazon Route 53
- Implemented a PostgreSQL database to store user login and flashcard data, allowing users to log in and access their flashcard sets from any device
- Created an Express.js backend to connect users to their data and to clean inbound and outbound data, enabling real-time updates and data validation
- Used Chakra UI to minimize the UI creation process, saving time and effort while providing a smooth and intuitive user experience for users.

[Codeclash](#):

- Developed the frontend of Codeclash using Next.js, TypeScript, React, Tailwind, and Prisma, creating a smooth and intuitive user experience for users
- Contributed to a team of 15 developers responsible for all aspects of the project
- Implemented Next-Auth to enable users to easily sign up and log in using their Google, LinkedIn, or GitHub accounts
- Used Web Sockets to enable real-time coding competitions and to save appropriate data in real time, allowing users to challenge each other and improve their skills
- Participated in weekly Scrum-oriented sprints, helping the team to stay focused and on track, and to quickly iterate and improve the platform based on user feedback.

[Refined and Refreshed Project](#):

- Contributed to the development of Refined and Refreshed, a web app developed as part of a 7-developer team at a hackathon
- Designed and implemented the backend using PostgreSQL and Express, enabling real-time updates and data validation
- Mocked up and implemented the design for the PostgreSQL relationship between users, courses, and comments, helping the team to visualize and plan the data relationships
- Contributed to the team's success by working hard and collaborating effectively, leading the team to win the hackathon and earn recognition for their skills and expertise.