

# Rey Williams

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[LinkedIn](#) — [GitHub](#)

## EDUCATION

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- **Florida Atlantic University** Boca Raton, FL  
BS in Computer Science, Certificate/Concentration in Data Science & Artificial Intelligence (AI) — GPA: 3.9 Spring 2022

## SKILLS

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- **Languages:** Java, JavaScript, TypeScript, C++, C, Python, SQL, CSS, C#
- **Frameworks/Platforms:** React-Redux, React Native, Node.js, Bootstrap, Jest, ASP.NET MVC, Azure
- **Certifications:** [Azure Solutions Architect Expert \(AZ 305\)](#) [Azure Admin \(AZ 104\)](#), [Azure AI Fdmtls \(AI 900\)](#)

## EXPERIENCE

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- **Microsoft**  Fargo, ND  
Cloud Engineer - Azure IaaS VM & Storage August 2022 - Present
  - Helping enterprise-level clients with their implementation and troubleshooting of their cloud environments in Azure - including virtual machines, storage, networking, and data management.
  - Working closely with other teams, such as product development and customer service, to improve the design and functionality of Microsoft products.
  - Creating and maintaining technical specification/scenario documentation for troubleshooting workflows in Azure Storage, eliminating 10's of redundant engagement hours for our engineers.
  - Advising customers on their migrations from on-premises to the cloud via Microsoft services/tools such as Azure storage accounts and Azure File Sync.
  - Effectively resolved hundreds of cases, meeting service level agreements in 100% of cases.
- **Origami Risk** Chicago, IL  
Fullstack Software Engineer Intern May 2022 - August 2022
  - Provided various risk management, risk analysis, and insurance solutions across technologies such as ASP.NET MVC, SQL Server, C#, HTML/CSS, and JavaScript to over 800 live clients across multiple sectors like healthcare, insurance carriers, risk pools, and manufacturing.
  - Created an end-to-end component to streamline how organizations organize and conduct audits for risk assessments; allows for 30% faster execution of audits.
  - Improved testing accuracy to 97% across (almost 50% increase) all cases through an extensive refactoring of almost 20 different test suites across all layers and domains.
  - Built new components to support and manage client product implementations across all layers (database, services, web UI).
- **Walmart Global Tech** Bentonville, AR  
Frontend Software Engineer Intern June 2021 - August 2021
  - Organized, developed, and deployed integral components to support the release of the next generation of point-of-sale and e-commerce components with technologies such as TypeScript, JavaScript, React, React-Redux, and React Native.
  - Implemented component to move away from the use of static images and push towards dynamic image fetching/modules for proprietary marketing and media content REST API.
  - Researched and documented the functionality of server-side caching to reduce bandwidth, reduce expenses, and deliver a quicker user experience on every transaction.
  - Implemented component to handle the fetching of 100s of product data and dynamically render them given store/site parameters alongside a full testing suite with 95%+ coverage.

## PROJECTS

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- **Wavelength - Tutoring Web App:**
  - Designed and managed full-stack application created from scratch using modified MERN stack. Uses MongoDB for a serverless back-end. Designed and implemented flexible schema to express relationships between users and object entities like courses. Intended to mimic a tutoring coordination web application that connects students with tutors. Demo [here](#).
  - Integrated Auth0's authentication API into the application, allowing users to securely log in and access protected resources and tailor their user experiences.
  - Uses Zoom API to facilitate communication and allow users to create and join Zoom calls on the web.
  - Uses Google Calendar API to allow users to create calendar entries for their sessions.
- **Persistent Shopping Platform:**
  - Designed and implemented an end-to-end shopping cart application with interactive GUI in Java. Demo [here](#).
  - Allows users to have a simplified shopping experience similar to popular web stores like Amazon. It allows for persistence across multiple user accounts and updates product inventory and views that are given.
  - Used MVC (Model-View-Controller) architecture to separate the application's data, logic, and presentation layers.
  - Wrote unit tests using JUnit to ensure the reliability and performance of the application.