

# Josias Chevalier

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## Education

### Florida International University

BACHELOR IN COMPUTER SCIENCE

Miami, FL

Spring 2021 – Fall 2023

- Relevant Coursework: Data Structures and Algorithms, Operating System, Database Management, Systems Programming

### Broward College

ASSOCIATE IN COMPUTER ENGINEERING

Fort Lauderdale, FL

Spring 2017 – Spring 2019

## Work Experience

### Software Engineer | Amadeus

Miami, FL

INTERNSHIP

June 2023 – August 2023

- Engineered an internal **full-stack** application to automate the current compliance reporting system for the organization (as well as sister units).
- Implemented, with **Java Spring** and **Apache POI**, server side logic to iterated through a large number of data from Qualys reports and organize information into data structures to feed into the front-end and SQL server database.
- Designed and developed multiple robust dashboards to display the data from the reports using **ReactJS**, **axios**, **MaterialUI**, and **chartJS**.
- Built **regression tests** for the sake of documentation fidelity and quality assurance using frameworks such as **jUnit** and **Mockito**.
- Deployed manually the application on an internal **Azure** virtual machine with **Nginx** to **reverse proxy** the Spring **RESTful APIs** and establish **SSL/TLS certificates**.
- Instantiated a **Jenkins** server to handle automating **CI/CD pipeline** jobs triggered by **Bitbucket Webhooks** to build both the front and back end components.

### Support Engineer | Addigy

Miami, FL

INTERNSHIP

February 2023 – May 2023

- Responded to support requests from clients and walked individuals through extensive troubleshooting tasks.
- Developed and deployed **Bash** scripts that automated tasks and improved efficiency for the clients.

### Programming Instructor | Whizara

Miami, FL

PART-TIME

February 2023 – May 2023

- Created an encouraging and supportive learning environment conducive to learning and challenging students to further develop problem solving skills using coding.
- Assisted and guided the students with projects within the scope of the concepts covered in the course: Scratch and **Python**.

## Projects

### Smoothie-Of-The-Day

Java Spring-Boot, Hibernate, MariaDB, ReactJS, MaterialUI CSS, AWS BeanStalk/RDS

- Developed a **full-stack** web application that delivers a novel smoothie recipe daily.
- Utilized **Axios** for seamless data interaction between the front-end, back-end, and the Unsplash **API**, which provisions images based on the daily smoothie concoction
- Implemented business logic and **REST APIs** using **Java Spring**, fostering a dynamic exchange of data with the **ReactJS** front-end. The server infrastructure facilitates secure connections with the **relational database**, enabling users to seamlessly add and rate recipes from the client-side interface.
- **Hibernate** is used for managing the application's data layer and enabling seamless interaction with the database, and **Spring Schedule** was used to manage automated tasks, such as updating the smoothie recipe of the day.

### Chevy's Portfolio

REACTJS, MATERIALUI, NEXTJS, NODEMAILER, GITHUB PAGES, VERCEL

- Built a personal portfolio to illustrate my projects and professional experiences.
- Implemented and deployed server to handle routing emails from the web page to my personal email account.

## Skills

Languages	Java, Python, C#, SQL (MySQL/MariaDB/MicrosoftSQL), JavaScript, HTML/CSS, Bash, PowerShell
Frameworks	React, Node.js, Next.JS, Spring-Boot, Hibernate, JUnit, Mockito, Django, .NET
Developer Tools	Git, Jira, Jenkins, Bitbucket, Github, AWS, Azure, Nginx
Libraries	Apache POI, ChartJS, Material-UI, Java Mail, NodeMailer, Axios