Joseph Arias

US Citizen | joearias1121@gmail.com | linkedin.com/in/joseph-a-arias | github.com/joearias1121 | joearias-pfolio.netlify.app

EDUCATION

State University of New York at New Paltz New Paltz, NY
Bachelor of Science in Computer Science *Aug. 2021 – Dec 2024*
- **GPA**: 3.65/4.00
- **Honors**: Dean's List, AC^2 Outstanding Scholar Award
- **Coursework**: Data Structures, Algorithms, Operating Systems, Web Server Programming, Language Processing, Software Engineering

EXPERIENCE

Software Engineer Intern Feb 2024 – Aug 2024
Phoenix Bioinformatics *Remote*
- Built dynamic web pages using **Vue**, Pinia, and **TypeScript** by managing state and making server-side requests to render interactive, data-driven interfaces
- Implemented backend logic using Sequelize to manage and process user data
- Leveraged **Express.js** and **MySQL** to query the database and satisfy requests made by the client
- Owned feature development from start to finish, engaging with a tech lead for PR feedback and technical alignment in an informal agile setting

Supplemental Instruction Leader Aug 2022 – Dec 2022
SUNY New Paltz – Center for Student Success *New Paltz, NY*
- Led weekly peer sessions for the Data Structures course, averaging six students per session
- Developed study materials and walkthroughs based on real assessments
- Coordinated with faculty to align session goals with course progress

PROJECTS

Notaibly | *React, TypeScript, Next.js, Prisma, PostgreSQL, Supabase, Tailwind, Shadcn* March 2025 – Present
- Web app for users to take notes on and have AI summarize their notes using the OpenAI API
- Built a full-stack web app with real-time database interactions and authentication
- Designed responsive UI components with React and Tailwind
- Modeled data relationships using Prisma and integrated backend with Supabase

Workflow App | *HTML, CSS, JavaScript, PHP, MySQL* Sep 2024 – Nov 2024
- Facilitates task and project management by allowing users to create tasks for projects and assign them to others
- Rebuilt backend logic and ensured data integrity through updated SQL schema
- Implemented asynchronous user interactions using JavaScript promises
- Reintroduced a removed feature and ensured compatibility with legacy code

LEADERSHIP

Society of Hispanic Professional Engineers (SHPE) | *Treasurer* Fall 2021 – Spring 2024
- Managed club budget and purchasing, ensuring compliance with financial policies
- Collaborated with club leadership to support events, outreach, and member engagement

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML/CSS
Frameworks: React, Node.js, Express, Vue, Next.js, Tailwind
Developer Tools: Git, VS Code
Database: SQL (Postgres), Prisma, MySQL