

# Reneca Capuno

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## EDUCATION

**University of Florida** | Gainesville, Florida

August 2021 - May 2025

**B.S. in Computer Science**

- **Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Information & Database Systems, Introduction to Software Engineering, Introduction to Machine Learning, UX Design, Programming Language Concepts, Enterprise SWE Practices, Linear Algebra, Integrated Product & Process Design
- **Awards/Honors:** Dean's List Fall 2024

## SKILLS

**Languages:** JavaScript, TypeScript, Python, Java, Kotlin, Scala, C++, C, SQL, HTML, CSS

**Libraries/Frameworks:** React, React Native, Node, Express, Electron, Selenium, Jitsi Meet, Pandas, Scikit-learn, Keras

**Tools:** Git, AWS, GCP, Expo, Android Studio, PostgreSQL, Snowflake, Jupyter Notebook, Figma, Postman, Linux

## TECHNICAL EXPERIENCE & ACTIVITIES

**SyncAssist - Developer** | Sponsored by *Freedom Scientific* | [Blog](#)

August 2024 - Present

- Developing a cross-platform accessibility solution for Freedom Scientific to enhance real-time collaboration between sighted and visually impaired users, ensuring seamless navigation, media support, and remote control
- Building with React, React Native, Electron, Node, and lib-jitsi-meet (WebRTC) for video conferencing; implementing Nut.js for remote control and optimizing using WebRTC internals metrics
- Implemented load testing infrastructure using Selenium and Selenium Grid on GCP virtual machines to simulate concurrent users and validate server performance under various traffic conditions
- Collaborating with team members, liaison engineers, coaches, and the lib-jitsi-meet community to clarify integration details, exchange feedback, and manage development using GitHub and Agile Kanban

**CSAA Insurance Group - Software Engineering Intern** | Remote

May 2024 - August 2024

- Contributed to transitioning Guidewire jobs to AWS EMR Serverless by modifying bash scripts and analyzing Scala files; validated job success through Snowflake, EMR Studio, audit files, and Grafana for monitoring
- Monitored and debugged API calls using Splunk, AWS API Gateway, and Postman to validate responses
- Worked cross-functionally to identify and resolve technical challenges

**UF Women in Computer Science & Engineering - Internal Mentor**

August 2023 - December 2023

- Facilitated monthly active days, technical practice sessions, and study days to enrich the mentorship
- Hosted technical workshops based on Data Structures and Algorithms, Dynamic Programming, and Version Control, reinforcing mentees' technical knowledge and fluency

## PROJECTS

**JobDash - Web Developer** | Team of 3

[View on GitHub](#)

Web Application | React, Node, Express, Railway PostgreSQL, REST API, HTML, CSS, Docker, Git

- Designed and developed a full-stack application to help users efficiently track and organize job applications with features like visual timelines and performance analytics, streamlining application management

**Nature Nexus - Web Developer** | Team of 5

[View on GitHub](#)

Web Application | React, Node, Express, PostgreSQL, REST API, HTML, CSS, Git

- Leveraged open-source dataset to create trend analysis and other visual displays of the Austrian Bird Population

**Dog-Tinder - Mobile Developer** | Team of 4

[View on GitHub](#)

Android Application | Kotlin, Android SDK, XML, Gradle, Android Studio, Git

- Built a native Android application for matching dogs with potential owners using The Dog API, implementing custom UI components and efficient data handling for a smooth mobile experience

**File System**

[View on GitHub](#)

Daemon | C++, Reptilian VM, Linux

- Developed a filesystem daemon to read, write, and manage WAD files, using Object-Oriented Design principles

## CERTIFICATIONS

**CodePath - Web Development, Android Application Development, Technical Interview Preparation**