

# Cosme G. Boisset

## Software Developer

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## Skills

TypeScript, Java, C, x86 Assembly  
React.js, React Native, Expo,

Django, RESTful APIs, Redux Toolkit,  
TanStack Query, TanStack Router,

CSS, Tailwind CSS  
Linux, Docker, Nginx, Git,

French (native), English (fluent)

## Education

University of New Orleans  
Bachelor of Science: Computer  
Science

- GPA: 3.7 | Major GPA: 3.87
- Expected Graduation  
Fall 2026

City University of New York BMCC  
(2017 - 2019)

Associate of Arts: Liberal Arts  
- Dean's List

## Relevant Coursework:

Data Structures,  
Systems Programming,  
Computer Architecture,  
Assembly Languages,  
Algorithms Analysis (IP),  
Cryptography (IP),  
Database Systems (IP),  
Computer Networks (IP)  
Physics I & II  
(Mechanics, Electricity, &  
Magnetism)

## Work Experience

### Student Web App Developer

*GulfSCEI Research Center*

(July 2025 – Jan 2026)

*University of New Orleans*

- Rebuilt a production research frontend (Pipewatch-AI) using React (Vite), TypeScript, and Tailwind CSS
- Integrated and refactored existing Django API endpoints before a transition the backend to Ruby on Rails under new project direction
- Collaborated with researchers to design and maintain a multi-service Docker Compose stack (frontend, backend, ML services, Nginx reverse proxy) for reproducible deployment
- Integrated TensorFlow/PyTorch inference outputs into a production web pipeline, coordinating API contracts with PhD researcher
- Authored technical documentation, improving maintainability, and coordinating updates between research and development teams

### Freelance Web Developer

(Dec 2021 - June 2024)

- Collaborated with a team to deliver React-based web/mobile apps to client specifications, handling full lifecycles from requirements to deployments
- Met with clients to discuss tech needs, solutions and software development
- Oversaw technical issues and troubleshooting requests to resolve surfaced problems
- Stopped Freelancing to become a full-time student at UNO

## Project

### Cobbl

(React Native, Expo, Python Backend)

*Photo & video sharing app*

- Lead planning and development of new mobile app
- Collaborated with back end developer via Python
- Collaborated with UX designer via Figma
- Scoped UI work for junior developer and oversaw its completion

### Event Platform

(Netlify/React + SCSS)

*A Livestream platform*

- Worked in tandem with Communications Director and Vice President to translate Figma mocks into functional web app
- Used Vimeo to keep in sync the Archive page for it to update past event cards programmatically

### HasDID.io Hackathon

(BootStrap + CHIA Blockchain)

*Personal DID for NFT marketplaces on CHIA Blockchain*

- Worked effectively with a developer and UX designer to compete in Hackathon remotely using a git workflow; placed 1<sup>st</sup> overall