

## EDUCATION

### **Bachelor of Science in Computer Science**

*Kennesaw State University*

**Kennesaw, GA**

*Exp. May 2023*

- Google Latinx Leader, *1 of 130 Students Selected Among 870+ Applicants for Google's Flagship Summit*
- NASA Applied Leadership Scholar, *STEM Enrichment and Leadership Enhancement*
- Coding Club, *Founder*
- Hackathon Fall 2022, *Competitor*
- Society of Hispanic Professional Engineers (SHPE), *Member*
- Relevant Coursework: Data Structures, Algorithms Analysis, Parallel & Distributed Computing, Discrete Mathematics

## TECHNICAL/INTERPERSONAL SKILLS

**Technical:** Java, Python, JavaScript, ES6, React.js, React Hooks, Node.js, C#, C++, Git, GitHub, JIRA, SFDC, HTML/CSS

**Interpersonal:** Bilingual (English/Spanish), Public Speaking, People Development, Organization, Time Management

## PROFESSIONAL EXPERIENCE

### **Software Engineer Intern**

*Intuit Mailchimp*

**Remote, GA**

*May 2022 – Present*

- Revamped the Inbox frontend through UI/UX enhancements.
- Collaborated with teammates to optimize code quality through pair programming.
- Managed changes to code using source control tools like Git/GitHub.
- Accelerated productivity by documenting work daily.
- Facilitated stand-up meetings, team bonding sessions, and introduced IVAN Talks.

### **Information Systems Specialist**

*Hispanic Organization Promoting Education (HoPe)*

**Atlanta, GA**

*June 2019 – Present*

- Delegated the creation of 78+ chapter files that will impact over 4,000 members nationwide.
- Visualize data, recognize trends, and present findings to leadership.
- Automate reports to provide my director a deeper understanding of chapter data.

### **Research Assistant**

*Kennesaw State University*

**Marietta, GA**

*October 2021 – May 2022*

- Designed a research laboratory homepage using JavaScript and HTML/CSS.
- Designed a mobile application with assistive technology for IDD individuals.
- Engineered AI/ML algorithms for bioinformatics and biomedical projects.

## RELEVANT TECHNICAL PROJECTS

### **Pomodoro Timer (JavaScript/React.js/Node.js)**

- Published with a live demo at <https://ivantlaseca.github.io/Pomodoro-Timer/>.
- Implemented a timer that maximizes user productivity and time management.
- Created Topics, Progress, and Settings pages for the application, each with additional features for the timer.
- Enhanced the user interface with open-source packages through npm and SVG icon sets.

### **Swoosh App (JavaScript/React.js/Node.js)**

- Designed a mobile laundromat application that makes doing laundry a more enjoyable experience.
- Implemented the web application demo using JavaScript, React.js, and Git/GitHub for source control.

### **Chatbot (Python)**

- The bot takes user requests and works accordingly to the request.
- Chatbot can hold conversation, guess the user's age, open a webpage, and give encouragement.

### **Knapsack Problem Using Genetic Algorithm (Java)**

- Engineered an algorithm to solve the Knapsack problem using AI.
- Implemented the initial population, fitness function, crossovers/mutations, and optimization functions.

## COMMUNITY INVOLVEMENT/LEADERSHIP

### **Leadership Coach Fellowship**

*Hispanic Organization Promoting Education (HoPe)*

- Mentored 12 high school students providing academic and personal support.
- Facilitated monthly leadership teachings for assigned mentees.