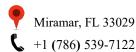
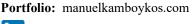
# Manuel Kamboykos











linkedin.com/in/manuel-kamboykos

#### **EDUCATION**

# Florida International University | Miami, FL

Bachelor of Science in Computer Science

Jan 2020 - May 2022

- Software Design and Development Track
- Upsilon Pi Epsilon (UPE) Honor Society
- Dean's List: 3 Semesters; GPA: 3.45

### Florida International University | Miami, FL

Bachelor of Arts in Psychology

Jan 2017 - Apr 2019

- Graduated Magna Cum Laude
- Honors College Graduate
- Dean's List: 5 semesters; GPA: 3.71

Courses: Data Structures, Discrete Structures, Programming I & II, Software Engineering I & II, Probability & Statistics, Computer Architecture, Fundamentals of Software Testing, Systems Programming, Principles of Programming Languages, Net-Centric Computing

# SKILLS SUMMARY

Languages: Java, JavaScript, HTML/CSS, Python, Objective-C, C#, C++, F#

• Frameworks: React.js, Vert.x, Express.js, Bootstrap, React-Bootstrap, Material-UI, Flask

• Tools: Git, GitHub, GitLab, Adobe XD, Draw.io, DBeaber, MySQL Workbench, pgAdmin 4, Docker

• Databases: Azure MySQL, MongoDB Atlas, PostgreSQL, Firebase

• Platforms: Node.js, Windows, MacOS, Linux (CentOS, Raspberry PI OS, Ubuntu)

• Soft Skills: Leadership, Teamwork, UI/UX Design, Problem Solving, Critical Thinking, Project Management

### WORK EXPERIENCE

#### Software Engineer Intern | Bentonville, AR (Remote)

Walmart Global Tech. | Cloud Powered Checkout

Jun 2021 - Aug 2021

- Contributed to the back-end development process of a RESTful API and microservices-based multipurpose universal configuration tool.
- Implemented HTTP routing request/response methods to both retrieve and update targeted data from a cloud database server.
- Developed asynchronous Java code using the Vert.x Web Client Framework linked to an Azure SQL Server through a JDBC driver.

# **PROJECTS**

#### Time Waiter - Personal Web App Project

Feb 2021 - Mar 2022

- Conducted extensive research with the goal to improve both customer experience and employee satisfaction in the restaurant industry.
- Planned, designed, prototyped, and currently developing a full-stack client-server Progressive Web Application (PWA), using a CRUD based approach with RESTful API implementation.
- Utilized React.js for the frontend, along with Node.js, Express.js, and a relational database with MySQL for the backend.

## Spark Dev: Artificial Intelligence Team Member

Upsilon Pi Epsilon

Sep 2020 - Dec 2020

- Participated in a 5-person team to create an application that analyzes any given text using a Machine Learning model through Natural Language Processing to determine the overall sentiment.
- App utilizes Pandas for data manipulation and analysis, along with Stanza for Natural Language Analysis with Python in Visual Studio Code.
- Demonstrated effective use of preprocessed data through stemming.

#### Drone Sentinel - Hackathon Team Project

Sep 2020 – Sep 2020

- Developed a facial recognition heat sensing camera using a Raspberry Pi 4 circuit board attached to a remote-controlled drone.
- Utilized Google Vision API for facial recognition with Firebase to store names, and OpenCV for the heat sensor feature with Google Cloud Storage to store output images.
- Assembled and hosted a static website in Visual Studio Code with Microsoft Azure Storage using HTML/CSS and JavaScript to live stream
  the camera's output through a MJPG-Streamer online.

## CERTIFICATIONS

## Full Stack Certification by FreeCodeCamp – Self-Taught (Dec 2021)

- Responsive Web Design
- JavaScript Algorithms and Data Structures
- Front End Libraries
- Data Visualization
- APIs and Microservices
- Information Security and Quality Assurance

#### LEADERSHIP & VOLUNTEERING

## Web Development Tech Lead

Jul 2021 - May 2022

Google Developer Student Club (GDSC) | FIU

- Coordinated and assembled a team of 25 active members, to develop a PWA from scratch.
- Scheduled online weekly lectures to teach and explain important web development concepts for both frontend and backend.
- Managed and continuously provided support for planning, to ensure delivery of the product successful and on time.

### TECHNICAL & NON-TECHNICAL SKILLS

Software: Adobe Creative Suite, Microsoft Office Suite, Trello, Discord, Slack, WorkPlace, Confluence, Jira

• Spoken Languages: English (Fluent), Spanish (Native)