

# Ilham Mukati

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## EDUCATION

University of Central Florida | Computer Science, B.S | GPA: 3.5/4.0

Expected Dec 2024

## SKILLS

**Languages/Frameworks:** Python, Java, C/C++, Golang, SQL, JavaScript, React.js, React Native, Node.js, HTML, CSS, Kotlin

**Technologies/Libraries:** MongoDB, AWS DynamoDB, AWS Incognito, Postman, Git, Docker, Bootstrap, Tailwind CSS, jQuery,

## EXPERIENCE

### Universal Studios (Orlando, FL)

Sep 2024 - Present

*Software Engineer Intern-User Experience Team*

- Fashioned full stack application **which converts English to Gremlin queries** using React.js, Neptune, and Gremlin.
- Automating query process through user-friendly interface, **resulting in projected 43% increase in product efficiency.**

### American Express (Sunrise, FL)

Jun 2024 - Aug 2024

*Software Engineer Intern-Money Movement Team*

- Refactored code and developed unit tests using React and Kotlin, **reducing render times by 22%.**
- Developed user flows for money transfer pages in React, **verified by A/B tests increasing user satisfaction by 36%.**
- Resolved accessibility-related UI bugs, **aligning AMEX's platform with WCAG standards** and improving user efficiency.

### Lockheed Martin (Remote)

Oct 2023 - May 2024

*Software Engineer Extern – Geospatial Intelligence Team*

- Constructed Geospatial Intelligence app to **streamline satellite image analysis**, increasing analyst productivity by 38%.
- Implemented **robust supervised learning method**, increasing LLava model accuracy by 34%.
- Designed responsive and intuitive interface using **Figma and PyQt6**, improving usability for geospatial analysts.

### Ace Applications(Remote)

Sep 2023-Dec 2023

*Software Engineer Intern*

- Developed **vehicle management system using C# and ASP.NET**, streamlining fleet tracking and maintenance operations.
- Proposed design improvements, **enhancing user experience through more intuitive UI features** in start-up environment.

### American Express (Phoenix, AZ)

Jun 2023 - Aug 2023

*Software Engineer Intern-Money Movement Team*

- Improved usability of client-facing flows for handicapped customers by **writing pixel-perfect React / CSS code.**
- Refactored backend code to reduce **redundant API calls and decrease runtime** for Wire and ACH transfers.
- Created a mock data generator, **allowing for the discovery of new bugs across 20+ internal APIs.**

### Darden (Orlando, FL)

May 2022 - Jul 2022

*Software Engineer Intern-CRM Team*

- Crafted **dashboard to display statistics of user interactions** with sites for brands such as Olive Garden, Longhorn, etc.
- Designed unit tests to **improve code coverage to 95%** for restaurant online orders.
- **Phased out and replaced API's** which were sending inaccurate information, improving client site experience by 17%.

## PROJECTS

### Connectify

Aug 2024 - Present

- Built app in React Native with intuitive interface where users add contacts and receive reminders to check in.
- Integrated **local notifications in iOS, improving user engagement** with timely check-in reminders.
- Connected app to a **Golang backend, ensuring real-time data updates** and seamless user experience.

### Superhero Correspondence

Mar 2024 - May 2024

- Produced **facial recognition web app** which determines which Marvel superhero the user most resembles.
- Leveraged OpenCV library with multiple cascades for increased accuracy in facial recognition.

## EXTRACURRICULARS

**Knight Hacks** - engage in hack-a-thons (such as Shell Hacks), weekly coding collaborations, and project brainstorming.

**Society of Professional Hispanic Engineers** - involved in project collaborations and networking events.