Edward Alexander Briscoe

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EDUCATION

Florida International University | Miami, Florida | Expected: May 2023
Computer Science
- GPA: 3.7/4.00

Honors: Deans List
Associations: Upsilon Pi Epsilon Honors Society Member, Upsilon Pi Epsilon Code Committee Member
Scholarships: Florida SELECT STEM Tuition Grant

Purdue University | West Lafayette, Indiana | Transferred: December 2020
Computer Engineering
Honors: Honors College Student
Associations: Kappa Delta Rho Member, Minorities in Engineering Program Member, Latino Cultural Center Member
Scholarships: Presidential Scholarship, Purdue Hispanic Scholarship

SKILLS

Computer: Python, Swift, RxSwift, JavaScript, HTML, CSS, Matlab, C#, Java, Xcode, iOS, Reactive Programming, Reactjs, GraphQL, REST, RDD Systems
Languages: English, Spanish

WORK EXPERIENCE

Mobile Software Engineer | **Momentive (Survey Monkey)** | San Mateo, California (Remote)   June 2022- August 2022
- Worked on the Survey Monkey Rewards app integrating the Prizeout SDK within the app through an **integrated web view**, giving users hundreds more options to cash out their wallet balance.
- Modified the backend portion of the app using **Python** to fully support the Prizeout SDK.
- Advanced my skills in **reactive programming**, **Swift**, **Xcode**, and **iOS development**, bridging these skills with **RxSwift**.

Web Developer | **People Clerk** | Los Angeles, California (Remote)   May 2021 – May 2022
- Created and integrated robust software in **Reactjs** to render over 350 different articles and assets from **Contentful** through their **GraphQL** retrieval API while preserving backward compatibility with the antiquated system through the use of slugs.
- Simplified the client intake process with new form functionalities such as address autocompletion using **Google Maps and Places APIs** integrated with **Formik.**
- Other duties included bug detection, fixing and system testing support with **Jest**. Design, build, integration, delivery, and post-launch support of different components and applications delivered to **Google's Firebase** platform.

Python Developer | **Diaz Briscoe Medina, PA** | Miami, Florida   May 2018 - August 2018
- Designed and developed a photo manipulation and OCR software in **Python** using **Tesseract** and **OpenCV** designed to receive scanned PDF court documents and automatically convert them to a word document. The program resulted in 10x more efficient transferring of court documents and aided in meeting court deadlines.
- Created a PDF parsing program featuring a GUI using **PyQt** meant to parse several thousand-page long evidence documents and file individual files in their proper locations. The program resulted in a significant decrease in non-billable hours and resulted in more client deadlines being met.

PROJECTS

Coral Safari | September 2021 - Present
- The Coral Safari began as a submission for ShellHacks 2021 as a lionfish geotagging and information storing web app as a solution to the lionfish invasion in the southeastern United States.
- The project was developed in **ReactJS** using the **Google Maps and Places APIs** and data stored in **Contentful**, with backend frameworks being developed in **ReactJS**. Development has now switched from a web app to a mobile app.

LEADERSHIP

Code Committee Member | **Upsilon Pi Epsilon** | Miami, Florida   August 2021 - Present
- Set up, host, and deliver coding workshops centering around web development, game development, machine learning, and mobile development that attract an average of over 100 participants.
- Specialize in the **web development** workshops, curating the content and focus of the lesson, and teaching others the fundamentals of **Reactjs, JavaScript, REST, and website design**.