Steeve Joseph

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EDUCATION

- **University of Central Florida** Orlando, FL
  Bachelor of Science in Computer Science *Expected Graduation: May 2020*

SKILLS SUMMARY

- **Languages:** Python (proficient), Java (proficient), C (proficient), Typescript (familiar)
- **Frameworks/Libraries:** Flask, ExpressJS, React w/ Redux, React Native, Tensorflow, Pandas
- **Databases/Development Tools:** MongoDB, Firebase, AWS, Vim, Git, Docker, LaTeX
- **Relevant Coursework:** Artificial Intelligence, Robot Vision, Algorithms & Data Structures I & II

EXPERIENCE

- **Microsoft** Redmond, WA
  Software Engineering Intern *May 2019 - Present*
  - Porting core of Jarvis platform to React w/ Redux, integrated with Microsoft's Fluent Design System.
  - Developing synchronized collaborative monitoring service in Azure to be used by 20K+ engineers.
  - Using Typescript and C# to analyze and visualize terabytes of time-series data and give customers refined control over key metrics, data granularity, and data persistence.

- **Leidos** Orlando, FL
  Software Engineering Intern *May 2018 - May 2019*
  - Developed mode transitioning system for US military's AFATDS simulation using Angular 4 and Java.
  - Supported US military's OneSAF database production, tool development, and software integration/testing.
  - Wrote startup scripts in order to reduce internal tooling backup/restore from 2 hours to 13 minutes.

- **DiSTI Corporation** Orlando, FL
  Software Engineering Intern *Sep. 2017 - Apr. 2018*
  - Used C# and Unity engine to develop military simulations supporting up to 8 simultaneous users.

PROJECTS

- **Iungo** https://github.com/joshuasylvestre/iungo
  Video chat application that translates real-time between speakers. Using WebRTC, Socket.io, React w/ Redux, ExpressJS, Yandex, and Docker.

- **Shmood** https://github.com/steevejoseph/shmood-frontend
  Web application that uses machine learning to analyze uploaded photos and generates playlists crafted to the perceived emotion of photos. Built using Google Analytics, ReactJS, ExpressJS, and { Microsoft Azure Face, Google Maps, Imgur, Spotify } APIs. Deployed on Heroku, with plans to containerize and move to AWS EC2/S3.

- **Deep Dream Image Generator** https://github.com/steevejoseph/ddig
  Image generator that simulates the hallucinatory effects of LSD. API built with Python, Flask, Tensorflow, OpenCV, Matplotlib and Imgur's API. UI built with React and MaterialUI. Built as a Dockerized collection of microservices. Based on Google's Deep Dream CNN.

- **Bazaar** https://github.com/steevejoseph/bazaar-frontend
  Led team of 9 in development of marketplace app for both web and Android. Voted #1 out of 15 projects presented for Best Application. Built with MERN stack, React Native, and { Imgur, Chatkit } APIs.

- **Coma** https://github.com/steevejoseph/contact-manager
  Led team of 9 in development of RESTful contact management web app capable of supporting 250 users. Built with MongoDB, ExpressJS, VueJS, and NodeJS.