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), Javascript (familiar), SQL (familiar)
- **Frameworks/Libraries:** ExpressJS, NodeJS, Django/Flask, Pandas, Matplotlib, TensorFlow, Keras
- **Development Tools:** Vim, Git, Unity, JIRA, LaTeX
- **Relevant Coursework:** Artificial Intelligence, Robot Vision, Processes of Software Development, Algorithms & Data Structures I, Algorithms & Data Structures II, Machine Learning (future), Computer Vision (future)

Experience

- **BRAWNS** — Orlando, FL
  Product Manager, Co-founder — *Aug. 2018 - Present*
  - **Coma:** RESTful MEAN contact management app supporting 250 users.
    - Managed database, configured auto build and deploy, and continuous integration.
    - Led team of 9 in refactoring 3500 line project.
  - **Bazaar:** MERN marketplace app hoping to support UCF's 60,000+ student body.
    - Wrote RESTful API and set up token-based authentication.
    - Building React front-end and React Native mobile app.

- **Leidos** — Orlando, FL
  Software Engineering Intern — *May 2018 - Present*
  - **One Semi-Automated Forces (OneSAF):** US Army's next generation simulation system.
    - Supporting development and maintenance of the 100M line project.
  - Reduced process of internal tooling backup/restore from 2 hours to 13 minutes.

- **DiSTI Corporation** — Orlando, FL
  Software Engineering Intern — *Sep. 2017 - Apr. 2018*
  - Developed military simulations in C# supporting teams of 8 crewmen.
  - Troubleshot proprietary software, product network, and target systems/network.

Projects

- [**Personal**] **Deep Dream VIG**
  Extension of Google's Deep Dream convolutional neural network that transforms a specified video by running it through 60 layers with 7.5K feature channels, simulating the hallucinatory effects of LSD. Built with Python, TensorFlow, PIL, and Matplotlib.
- [**Academic**] **RVA4**
  Deep Learning face detection project built with Python, using Keras.
- [**Personal**] **PRESSed**
  Building sentiment analysis tool for influencing portfolio management. Using Pandas and Textblob.
- [**Academic**] **Edge Detector**
  C implementation of the Sobel, Marr-Hildreth, and Canny edge detection algorithms.
- [**Academic**] **Pacman AI**
  Java AI that plays pacman using Repeated Nearest Neighbor and Minimax adverserial search algorithms.

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- **Hackathons:** sudo hackStetson 2017/2018, OTAB Smart City Initiative, KnightHacks 2017
- **Organizations:** SIG AI, National Society of Black Engineers, Society of Hispanic Professional Engineers
- **CS Mentorship:** Provide guidance about curriculum, career paths, and projects to undergraduate students.