

Scott De Silva

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SKILLS

Software: Java, JavaScript, Python, Linux, HTML, CSS, Angular, React Native, SQL, Node.js, MongoDB

WORK EXPERIENCE

Python Developer – Deloitte **March 2021 – Present**

- Refining script that processes COVID-19 call center data to produce monthly and hourly summary reports
- Using pandas, xlrd and openpyxl libraries to digest and perform operations on data

Java/JavaScript Developer – Deloitte **September 2019 – March 2021**

- Collaborated within small Agile team to deliver large scale web application to federal client
- Scaffolded, styled and set up integration between Angular frontend and custom-built endpoints
- Documented REST API specifications using OpenAPI, implement them using JAX-RS and test end-to-end functionality with MySQL Workbench and Postman
- Lead small team of 3 developers to complete feature that implemented access control across app

Storage Engineering Intern – Prudential Financial **June 2018 – August 2018**

- Developed a Python script that runs against 1.5 million lines of data to correct a billing report that was mistakenly charging for 10 petabytes of data
- Automated the process of creating monthly cost analysis reports and reports of backed-up server images by writing Python scripts that consumes data in plaintext, formats it and outputs to a structured table in Excel

IT Risk Support Intern – Prudential Financial **June 2017 – August 2017**

- Pitched and implemented new partially-automated reporting for employee time-tracking using Power BI
- Reviewed project plan drafts and attended meetings regarding planning, design, and development stages to become knowledgeable of the SDLC of Robotics Process Automation (RPA) projects

PROJECTS

Project Manager & Full-Stack Developer – GoodDeed **October 2019 - Present**

- Launching a React Native app to provide a platform for finding personalized volunteering opportunities
- Collaborate with co-developer to organize work into features and form a delivery plan for Q4 2020 release
- Build reusable React components, design database schema and implement RESTful APIs with Node.js to serve data from MongoDB to client side

Developer – DrEd **March 2018**

- Awarded best “Hardware Hack” for using an Oculus Rift, Leap Motion sensor and Myo armband to fabricate a virtual reality driving simulation in less than 36 hours at HackFSU 2018
- Designed driving environment in Unity and attached Leap Motion API to map user’s hands into environment to enable interaction with in-game steering wheel

Co-Team Leader – Mouth-Activated Marshmallow Launcher (MAML) **September 2016 – February 2017**

- Designed autonomous launcher to showcase at USF’s Engineering Expo 2017 to engage a crowd of 10,000 K-12 students and inspire their pursuit of a STEM education
- Programmed Raspberry Pi and webcam to detect faces using an open source Computer Vision library in Python, then use that data to adjust servos, aim barrel and automatically launch using air compression

EDUCATION

B.S. Computer Engineering, University of South Florida, Tampa, FL

May 2019

GPA: 3.6/4.0

LEADERSHIP

Mechanical Electrical Computer Hub (MECH) – President **May 2018 – May 2019**

- Presided over general body of over 50 active members, while leading an executive board of 8 members
- Built relationships with College of Engineering and STEM-focused companies to expand organization’s reach and connect members with industry professionals to provide opportunities