Sampath Yelchuri

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EDUCATION

- **Bowling Green State University** — Bowling Green, OH
  Master of Science in Computer Science; GPA: 4.0 — Aug. 2018 – Aug. 2020

- **Jawaharlal Nehru Tehnological Institute (JNTUH)** — Telangana, India
  Bachelor of Engineering in Computer Science and Engineering; GPA: 3.7 (8.37/10.0) — Sep. 2013 – May. 2017

EXPERIENCE

- **Idaptive, LLC.** — Santa Clara, CA
  Software Engineering Intern — May 2019 - Aug 2019
  - Worked in Apps Development Team to design basic py-tests for several APIs or repositories in the GitHub.
  - Exposure of working with several teams in Agile Scrum Methodology and re-branding information.
  - Knowledge and experience of configuring SAML and OAuth Client 2.0 applications and testing various endpoint URLs using the postman tool.
  - Hands-on experience working with various tools like Py-Charm, Visual Studio 2019, and Postman.

- **Bowling Green State University** — Bowling Green, OH
  Graduate Research Assistant — Jan 2019 - May 2019
  - Worked with the Life Sciences Department in support with designing several scripts and macros in java for image processing.
  - Knowledge on several digital image processing techniques like Fast Fourier Transformation (FFT), Inverse Fast Fourier Transformation (Inverse-FFT), Image Filtering, and Morphological Operations.
  - Hands-on experience working with Java Scripts, Macros, and ImageJ tool.

- **UnitedHealth Group** — Telangana, India
  Associate Software Engineer — Jul 2017 - Aug 2018
  - Experienced in designing and developing reports and dashboards for various line-of-businesses such as Medicaid, Medicare and Tricare.
  - Worked on claims and clinical data of various applications like Integrated Clinical User Experience (ICUE), CareOne, Alturista, and FACETS.
  - **Best Innovator Award - 2017** for automating a manual process using Automation Anywhere 9.0.
  - Hands on experience working in designing simple ETL jobs using Petaho Business Analytics and Talend Open Studio.
  - Used several tools likes Tableau, SAP Crystal Reports, PL/SQL Developer, Microsoft SQL Server, and Automation Anywhere9.0.

- **DevmenIT** — Telangana, India
  Software Developer Intern — May 2016 - Aug 2016
  - Focused on designing and developing Web Application that helps in locating the nearest blood donors in and around the victim's location.
  - Hand-on experience on using Microsoft Visual Studio 2016, ASP.NET, and Microsoft SQL Server 2016.

PROJECTS

- **Smart Cars - IOT, 5G, and MEC**: Working on designing architectures for Internal and External Communication of Smart Cars and focusing on simulating Smart Cars Communications with IoT, 5G and Mobile Edge Computing (MEC) using Vehicular Ad-hoc Networks (VANETs) and Oment++.
- **Predicting Hard-Drive Failures using Machine Learning**: Worked on improving the accuracy of a model as part of predicting failures of hard-drives by applying different re-sampling techniques such as SMOTE, Under Sampling and Over Sampling techniques.
- **Eradication of Accidents using Sensing Technology (EAST)**: This project focuses on reducing accidents at steep curves using Intelligent Transportation Systems that covers a wide range of applications that include communication system, positioning, and sensing with help of Arduino and Ultra-Sonic sensors.

PROGRAMMING SKILLS

- **Languages**: C, Java, SQL, Python, HTML, CSS, Javascript   **Tools**: Postman, Anaconda, GitHub/GitLab.