

Venu Vardhan Reddy Tekula *MS CS Graduate Student*

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EDUCATION

Masters degree in Computer Science, Tandon School of Engineering, NYU 09/2022 – present
Coursework: Design and Analysis of Algorithms, Information Security and Privacy, Programming Languages, Big Data, Machine Learning, Software Engineering. Graduation: May 2024 (expected). Brooklyn, USA
GPA: 3.8/4.0

EXPERIENCE

Software Developer, BeeHyv Software Solutions 01/2022 – 07/2022
• Led integration of crater, an open-source invoicing solution, into Bahmni as payments-lite squad leader. Oversaw project planning, new feature implementation, and bug fixing. Hyderabad, India
• Collaborated with the team to integrate crater into Bahmni, streamlining payment process and improving efficiency for clients.

Backend Developer, Bitergia 10/2020 – 12/2021
• Automated process to generate and publish release notes to GitHub, enhancing team efficiency and ensuring documentation accessibility. Madrid, Spain
• Contributed to development, documentation, and maintenance of GrimoireLab toolchain solutions with the working group, using expertise to improve user-friendliness for clients.
• Served as Community Manager for GrimoireLab, responsible for managing community and facilitating collaboration and idea sharing among members.

SKILLS

Python | Django | Flask | Java | Go | JavaScript | Vue.js | React | MySQL | GraphQL
OpenSearch | Ruby | Rails | R | Git | GitHub/GitLab | Jupyter | AWS | CI/CD Tools

INTERESTS

Software Engineering, Cyber Security, Data Analytics, Open Source Software, Machine Learning

PROJECTS

Wordle GitHub Contributions, vchrombie.github.io/links/3

Built a GitHub action that tweets monthly contributions as Wordle Grid at the end of every month.

Creating quality models using GrimoireLab and CHAOSS metrics, vchrombie.github.io/links/4

Developed a method to shape GrimoireLab data for use in Prosoul to compare software projects and create quality models using Git, GitHub, and mailing list repository data.

Perceval plugin for Zulip, vchrombie.github.io/links/5

Implemented a Zulip backend plugin for the Perceval tool to gather and analyze data from zulip server streams.

Malicious Web Content Detection using Machine Learning, vchrombie.github.io/links/6

Built a chrome extension that employs a machine learning model with Python to analyze and categorize the content of a website as safe or malicious

GitLit, vchrombie.github.io/links/7

Developed a social platform for open-source software developers to connect and collaborate on relevant projects with Django, MySQL, GraphQL, and React.

EXTRACURRICULAR ACTIVITIES

- Mentored junior members as an active member of amFOSS, a student-run open source club.
- Selected as a Google Summer of Code 2020 participant with CHAOSS and GrimoireLab.
- Qualified for InCTF 2019 finals, India's Premier Hacking & Cyber Security contest.
- Volunteered for Amritavarsham, organized by Mata Amritanandamayi Math.