

# CHAITANYA N.V.K

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## Education

**Georgia State University - Full Scholarship along with GTA**

**Aug. 2021 – Expected Dec. 2022**

*Masters of Science in Computer Science*

*Atlanta, Georgia*

**Vignan University - Merit scholarship**

**Aug. 2014 – Aug 2018**

*Bachelor of Technology in Computer Science; GPA: 3.8*

*Guntur, AP, India*

## Relevant Coursework

- Data Structures
- Machine Learning
- Algorithms Analysis
- Database Management

## Experience

**Georgia State University**

**Aug 2021 – Now**

*Teaching Assistant*

*Atlanta, GA*

- Mentoring 50+ students in Machine Learning, and linear algebra.
- Assisted in the development of course material along with delivering lectures.

**Darwinbox**

**Jun 2018 – Mar 2021**

*Senior Software Engineer*

*Hyderabad, AP*

- **Workflows:** Architected and led a **Micro-service** using **Node JS** reducing average throughput time from 6 to 1 minute.
- **Payslip customization:** Developed a framework enabling to handle requirements and attracting multiple clients with more than 1 million employees to the payroll platform.
- **Reports:** Implemented a framework using **PHP**, generating reports on demand enabling us to present the data of 200k employees on a single request.
- **Mongo DB:** Explored and Cultivated Various optimization techniques, attracting volunteers to team up resulting in a cut of 800K\$ mongo bill.
- **Payroll:** Collaborated in analysis and resolution of many business problems creating a hassle-free pipeline reducing manual work from 40 to 12 man-hours.
- **Taxation:** Partnered in establishing a foundation to handle multiple tax systems, enabling us to handle multiple tax amendments, giving an edge over the competitors, making the product be subscribed by 50 new clients.
- **Recruitment:** Constructed pipeline automating the process reducing the cost to hire by 60%.

**Dec 2017 – Apr 2018**

*Intern*

*Hyderabad, AP*

- **Chatbot:** Utilized **Wit**(Facebook's tool for intent recognition) to automate tasks subscribed by over 1 million customers.
- **OCR:** An integration into the reimbursement module, to auto-populate the details from the bill reducing the processing time by 90%.

## Projects

**Gumo** | *Node JS, Mongo DB, NPM package*

**April 2021**

- \* A web-crawler and scraper to extract data from a family of nested dynamic web pages, with added enhancements to assist knowledge mining applications.

**NFL Health & Safety - Helmet segmentation and labeling** | *Python, Pandas, NumPy, Detectron*

**Current**

## Technical Skills

**Languages:** Python, C, HTML/CSS, JavaScript, React, SQL, NoSql

**Developer Tools:** VS Code

**Technologies/Frameworks:** Linux, Docker, Git, Micro-services, Node JS, Pandas, Numpy, API's, Flask, Jira, Agile

## Volunteer

- \* Donor and regular volunteer for Food4Lives