SHRAVAN CHEEKATI

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing   **Atlanta, GA**
Bachelor of Science – Computer Science   GPA: 3.66   *Expected May 2024*
Concentrations: Artificial Intelligence and Info Internetworks
Student Organizations: VGDev, Dependently Typed   Georgia Tech College of Computing Dean's List

WORK EXPERIENCE

SNAPBRILLIA   **Atlanta, GA**
Blockchain Engineer Intern   *April-August 2022*
- Developed and engineered the Quadratic voting and Funding system under Snapbrillia's Web 3 engineering team.
- Graduated the Atala Prism and Plutus Pioneer Program (PPP) as part of the workflow training.
- Scripted the Escrow smart contract for bounties to lock the UTXO until satisfied as a core security measure.
- Developed and tested various other scripts using Plutus-Haskell, Cardano CLI, and Plutus playground.
- Assessed 15+ Cardano Fund 9 proposals as a Proposal Assessor based on feasibility, auditability, and reusability metrics

GEORGIA INSTITUTE OF TECHNOLOGY   **Atlanta, GA**
CS 1332 Teaching Assistant – Data structures and Algorithms - Java   *May-July 2022*
- Worked under Dr. Mary Hudachek-Buswell as a TA instructing 220 total students.
- Held 3 hours of office hours every week and graded over 250 programming assignments and exams.
- Instructed 10 recitations as assistance to the lecture and to provide constructive feedback on their programming ability.

EXTRACURRICULAR

Georgia Tech Vertically Integrated Project (VIP) - ECOCAR   **Atlanta, GA**
Connected and Autonomous Vehicles (CAVs) team member   *August-Present 2022*
- Participating in the Advanced Vehicle Technology Competition as part of EcoCAR's team to work on the EV challenge.
- Currently working under the CAVs team to detect sensing and control the vehicle using Radar, Lidar, and V2X capability.

KENNESAW STATE UNIVERSITY   **Marietta, GA**
Undergraduate Research   *August-December 2021*
- Worked under Dr. Tu Nguyen on National Science Foundation (NSF) funded research.
- Researched remapping virtual node functions and entanglement routing with Quantum networks.
- Reviewed research papers and led weekly meetings discussing existing algorithms to improve network latency and speed.
- Tackled quantum optimization problems and introduced Machine Learning aspect to automate node failure recovery.

Google Developer Student Club- CS Ambassador   *August-December 2021*
- Helped host workshops and introduce students to open-source software through GitHub and Google's cloud services.
- Maintained leadership over members who want to dive into CS principles and undergraduate research opportunities.

Tower Defense   **Atlanta, GA**
Group-Project based game for CS 2340 – Software Objects and design   *January-May 2022*
- Full-stack android app developed in Android Studio using Kotlin and MVVM architecture.
- Led a group of five team members while using GitHub for version control and progress management.
- Practiced Iterative and agile development of each phase with total of six milestones while utilizing SCRUM framework.

AWARDS & CERTIFICATIONS

Certifications: AWS Certified Cloud Practitioner, Plutus Pioneer, Atala Prism Pioneer, Mentor Collective Trained Mentor
Awards: GT Dean's List Spring 2022; KSU President's list (4.0 GPA) Fall 2020, Spring, Summer, and Fall 2021;
                   KSU Cybersecurity Hackathon (VISA) Spring 2021 winner; KSU Hackathon (Microsoft) Fall 2021 4th place.

SKILLS

Programming: Java, Python, Plutus, C++, Haskell, Kotlin, C#, MySQL
Software: Cardano CLI, GitHub/Git, Blockchain, AWS, Android Studio, MS Azure, JetBrains, Raspberry Pi 4, Linux
Languages: English – native, Telugu – native, Hindi – basic, Spanish – learning
**Course
Concepts:**   Data Structures & Algorithms, Software Objects and design, App and Web development, Database systems,
                 Network systems, Artificial Intelligence