

# CHASE CHA

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## EDUCATION

**University of Virginia**, College of Arts and Sciences, Charlottesville, VA

*Expected May 2026*

B.A. in Computer Science

- GPA: 4.0 / 4.0
- Relevant course work: Introduction to Programming, Data Structures and Algorithms, Computer Systems and Organizations, Discrete Mathematics and Theory, Software Development Essentials, Software Engineering, Computer Networks, Introduction to Cybersecurity

## TECHNICAL SKILLS

- Programming Languages: Java, Python, C, JavaScript, Typescript, HTML, CSS
- Frontend Frameworks: React, Next.js, Tailwind CSS
- Testing Frameworks: JUnit, Mockito
- Experienced with GitHub and Git version control

## WORK EXPERIENCE

*Software Development Intern*, **Levered Technology LLC**, Remote

*May 2024 - August 2024*

- Developed server side rendered and SEO friendly landing pages for two multiple location businesses with React, Typescript, and Tailwind CSS, improving customer actions by over 15% and increasing page views by 13%
- Researched lower cost alternatives for hosting webpages and ultimately built a Next.js page template hosted on AWS amplify to leverage for future company projects, lowering company costs by 10%
- Contributed to the production of an automatic review response website by fine-tuning an Open AI model using past response data and interfacing with the LlamaIndex library to utilize the trained AI model in the project, achieving more human-like and less deterministic responses

*Teaching Assistant - CS Department*, **University of Virginia**, Charlottesville, VA

*January 2025 - Present*

- Hold weekly office hour sessions to answer student questions regarding class concepts and assignments
- Grade quizzes and assignments to assist class professor
- Attend lab periods to answer student questions and check their work at the end of the period

*Pool Server*, **Ansley Golf Club**, Atlanta, GA

*May 2023 - August 2023*

- Provided customer service to over 100 guests per shift while ensuring a pleasant dining experience for each customer
- Responsible for seating customers, taking food and beverage orders, and delivering food in a timely manner
- Maintained a clean dining area by wiping down tables, clearing dishes, and sweeping floors
- Trained and mentored 3 new employees on main roles and responsibilities of the job

## PROJECTS

### Project Management App

- Developed a full stack project management app using the Django Python framework, a PostgreSQL database, Bootstrap for the user interface, AWS S3 for static file storage, and Heroku for cloud hosting
- Allows users to log in through Google's log in API, create projects, request to join projects, upload files to their projects, and post messages to other project group mates

### Course Review Forum

- Engineered a data-persistent course review platform using JavaFX and FXML for the user interface, Java with SQLite for backend data management, and JUnit and Mockito for unit and integration testing. Enabled users to log in, add and search for courses, write and view course reviews, and manage their own reviews through a streamlined interface

## VOLUNTEER EXPERIENCE

*Odyssey Service Volunteer*, **Odyssey Atlanta**, Atlanta, GA

*May 2019 - July 2023*

- Non-profit summer program dedicated to helping academically motivated students get a head start on their course work for coming school year
- Accumulated 200+ service volunteer hours for this organization
- Guided students through classroom assignments, taught lessons, tutored children one-on-one, and supervised lunch and recess
- Completed paperwork and handed out class materials to assist my assigned teacher

## EXTRA CURRICULAR ACTIVITIES

*Club Member*, **Business Ethics Society**

*August 2022 - Present*

- Selected to join a small student organization dedicated to the critical evaluation and active discussion of business ethics and corporate social responsibility
- Participate in meetings ranging from specific case studies, open discussions, and lectures teaching on business ethics topics
- Create presentations lasting approximately 30 minutes to give at club meetings focusing on certain ethical dilemmas in the business world