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Colby T. Duke

Student in Atlanta, GA
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Tyler _____

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Key Points:

- Name, bolded, and in the center.
- Contact info (email, phone #).
- Location of residence (or nearest large city).
- Links to GitHub, LinkedIn, personal site, etc.
- U.S. Citizenship (if applicable).
- Security Clearance (if applicable).

Education

Georgia Institute of Technology – Atlanta, GA
Bachelor of Science in Computer Science, GPA 3.94

August 2019 – May 2023
Faculty Honors, Dean's List, Zell Miller Scholar

EDUCATION

Georgia Institute of Technology, College of Computing
Bachelor of Science in Computer Science

Atlanta, Georgia
May 2023
GPA: _._

- Awards: _____
- Threads: Intelligence and Media

Key Points:

- Title and bar.
- University and Location.
- Graduation date (start date is also fine).
- The phrase "Bachelor of Science in Computer Science".
- GPA (if it is above a 3.0) (include major GPA if it is higher than cumulative).
- Optional: honors, scholarships, threads, *sometimes* classwork.
- NO HIGH SCHOOL, SAT SCORES, ETC!

Experience

Work Experience

Software Engineer Intern

Uber

May – August 2021

- Worked under Uber Eats' Core Pricing team, the group responsible for modeling Uber Eats order costs.
- Developed a pricing service which calculates order delivery fees based on restaurant and customer location.
- Deployed the service into production where it is utilized for every order made by 70 million monthly users.
- Coded the back-end for the service with Go, Python, Hive, and Docstore (Uber's distributed SQL database).

Software Engineer Intern

The Home Depot

January – May 2021

- Designed and programmed ARKit-based iOS apps to scan 3D models of customers' furniture with LiDAR.
- Generated high fidelity mesh scans with ~2cm-wide polygon faces utilizing said apps.
- Merged the models with AR to create virtual visualizations of the customers' furniture and rooms.
- Programmed the back-end functionality for future teams to implement these features into THD's mobile app.

Key Points:

- Company/organization, position, and dates of employment
- Detailed description of work (quantify and qualify).
- Unique bullet points which take up one line and end in periods.
- Focus on individual impact and contributions to team.
- List all tools, languages, and frameworks utilized in the role.

Experience

EXPERIENCE

NCR Corporation

Atlanta, Georgia

Software Engineering Intern

May 2021 – August 2021

- Built a web app to track and visualize tech stacks for 25+ NCR products, saving 1500+ hours of manual tracking per year.
- Regularly met with stakeholders to demo the product and assess their needs, working under an Agile Methodology.
- Constructed RESTful API endpoints (Django REST) and built a dynamic, SPA frontend (React).
- Oversaw GCP deployment and product launch with a focus on security (internal SSO access only) and low cost (serverless).
- Managed knowledge transfer/product handoff by producing documentation and meeting with the new development team.

Georgia Institute of Technology, College of Computing

Atlanta, Georgia

Teaching Assistant – CS 1332: Data Structures and Algorithms

August 2020 – May 2021

- Taught and organized live recitations for 50+ students on topics from binary search trees to graph algorithms.
- Provided feedback on homework with a focus on code efficiency and edge case performance.
- Conducted weekly office hours dedicated to 1-on-1 and group student help sessions on course materials and topics.
- Critiqued and contributed to a 10,000+ line test suite to help automate grading of student submissions.
- Contributed to class resources including visualization tool and homework auto-grader.

Projects, Organizations, etc

PROJECTS

Fall 2018

Live SMS Voting App

- Created a real-time SMS voting app for use with hundreds of concurrent users, used for song voting at school dance.
- Integrated third party APIs and webhook support to accept/send SMS messages within Django Framework.
- Designed responsive views for TV screens around the dance floor to show live voting results and a full admin interface.
- Analyzed performance with KPIs including user interactions, voting results, and play counts per song and genre.

INVOLVEMENTS

Georgia Institute of Technology

Atlanta, Georgia

Media Assistant

August 2021 – Present

- Ideate social media campaigns to engage 80k+ followers while maintaining the Institution's brand and voice.
- Curate and create content through interviews, event coverage, and audience interactions.

Georgia Institute of Technology

Atlanta, Georgia

Grand Challenges

August 2019 – May 2020

- Collaborated with a cross-curricular team to ideate and test potential solutions to enhance mental health care.
- Developed relationships with stakeholders to find their pain points, operating under a Lean Startup Methodology.

Key Points:

- For technical projects, list all tools used. Not shown here is my preferred format: **Project Name | React, MongoDB, etc**
- The best projects are uploaded to GitHub with clear setup & usage instructions.
- For non-technical orgs, stress individual impact.

Skills

Skills

Languages – Python, Java, Go / Golang, C++, C, C#, Swift, Bash, x86 Assembly

Technologies – Django, MediaPipe, iOS, GCP, Docker, GitHub, Yocto, SQL, Apache Hive, InfluxDB, CV, NLP

Concepts – Human Computer Interaction, Machine Learning, Computer Vision, Pose Estimation, Augmented Reality, Kernel Development, Sensor Design, Data Visualization, Containerization, Agile Development Process

SKILLS/INTERESTS

Programming: Python, React, Java, Django REST Framework, PostgreSQL, Docker, JavaScript, TypeScript

Communication: Workshop Presenter (audience: 250), Speaker (audience: 4000), Online Video (audience: 80k+)

Concepts: Object Oriented Design, Agile Development Process, Data Structures and Algorithms, Artificial Intelligence, Computer Vision, Computer Graphics, Cloud Deployment, Leadership Development, Lean Startup Methodology

Key Points:

- Skill “category” (language, class, concept), followed by a CSV format. No periods.
- Only list languages and technologies you would be comfortable discussing in interviews.
- Don’t rank skills aside from spoken languages (IE native, fluent, conversational).
- If you need to fill whitespace, list classes here. Otherwise, fit them under concepts.
- This is not a keyword fill section: be sure you actually know everything listed here.
- Even if you listed a language or tool prior, re-list it here for ATS purposes.

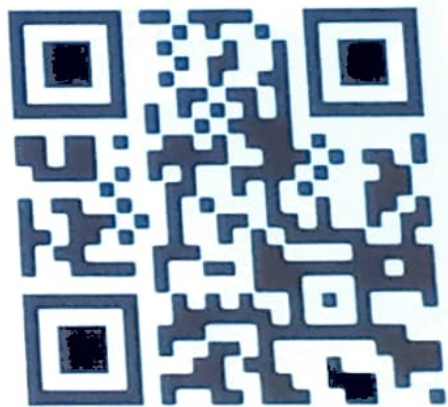
Q/A & Self Advertisement

The **GT CS Careers Club** is the CoC's newest DRSO. We are a workshop and service-oriented club offering:

- Online Resume Critique from other students
- Resume Workshops
- Technical Interview Prep (later this month!)
- Mock Interview Sessions
- Mentorship/advice from experienced upperclassmen
- Links to master lists for Summer/Fall 2022 internships
- **A resume template very similar to my own 99***
- A community of ~1,500 GT CS students all searching for internships and new grad roles

Join: **discord.gg/aF2S6AzrAP**

* Check the pinned messages in #resume-critique for download



SCAN ME