**Grace Hopper**

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**EDUCATION**

**The University of North Carolina at Chapel Hill | Chapel Hill, NC**

**(Intended) B.S. in Computer Science | GPA:** 3.7/4.0  **May 2027**

**Relevant Courses:** Introduction to Programming, Data Structures, Discrete Structures, Multivariable Calculus

**TECHNICAL SKILLS**

**Programming Languages:** Python (Advanced), Java (Advanced), HTML (Intermediate)

**Technical Tools**: Git, JUnit, Figma

**Operating Systems:** Windows XP/Vista/7/8/10, Linux

**PROJECTS**

**RESTroom Yelp | HackNC Project October 2023**

* Collaborated with a team of 4 and developed a fully functional web application with a dynamic **Javascript-based** front-end, an AJAX-based communication with a RESTful server-side API, a relational database that stores back-end application state, and an ORM layer to access data in the database
* Designed most of the front end & debugged **PHP**
* Awarded the Most Creative Award by Appian and Best Innovation in Collaboration Award by Red Ventures

**Discover the New World Mini-game | Personal Project November 2023**

* Created a mini-game in **Java** with immersive music and sound effects; designed the user interface using **Figma**
* Generated a random map based on a 2D array with multiple pages for the user to traverse

**PROFESSIONAL EXPERIENCE**

**Mathematics Tutor | Self-Employed | Chapel Hill, NC September 2023 - Present**

* Developed personalized lesson plans and tailored curriculum for high school and middle school students, demonstrating adaptability and a keen understanding of individual learning needs
* Dedicated 5 hours per week to tutoring, fostering a supportive learning environment, and contributing to the academic success of students in mathematics courses, such as Calculus and Trigonometry

**Server | Mr. Tokyo Japanese Restaurant | Chapel Hill, NC August 2023 - Present**

* Manage a demanding workload, serving food at a Japanese sushi restaurant for 20 hours per week while maintaining a high level of customer satisfaction through effective communication and teamwork
* Proactively contribute to the overall cleanliness and organization of the restaurant, showcasing strong attention to detail and dedication to creating a positive dining experience for patrons

**EXTRACURRICULAR EXPERIENCE**

**Promotion Committee | Pearl Hacks | UNC-Chapel Hill** **August 2023 - Present**

* Spearheaded the creation of compelling media content for a hackathon organizing team, showcasing strong promotional skills. Coordinate a successful photoshoot involving 20 participants to enhance the event's visual appeal
* Involved in the day-of photography execution and strategic planning of marketing campaigns, contributing to the overall success and visibility of the hackathon through creative and effective promotional initiatives