Cindy Dong

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EDUCATION

University of Virginia, Charlottesville, VA

Bachelor of Arts and Science: Computer Science and Data Science   *August 2021- May 2025*

Relevant Coursework: Introduction to Programming, Discrete Math and Theory I & II, Data Structures and Algorithm I & II, Computer Systems and Operations I & II, Foundations of Data Analysis, Google UX Design, Communicating with Data, Software Development Essentials, Intro to Cybersecurity

WORK EXPERIENCE

Web Developer, **Computer Engineering at The University of Virginia,** Charlottesville VA   March 2024 – Present
- Developed a website to showcase UVA's Research Interest Group on AI Hardware/Software Co-Design
- Created a responsive and user-friendly website using HTML, CSS, Bootstrap, and Javascript to enhance website's visual appeal and interactivity; Utilized version control system, Github, for collaborative development and version tracking in team projects

SEO Specialist, **ASTRIT REALTY,** Charlottesville, VA   *February 2024 – Present*
- Conducted keyword research and implemented on-page SEO strategies, optimized meta tags, headings and content for search engines; Conducted thorough testing for cross-browser compatibility, identified and resolved issues related to functionality and performance

Head Teacher Assistant CS 111x, **The University of Virginia,** Charlottesville, VA   *August 2023 - Present*
- Coordinating with the professor in designing curriculum for introduction to programming class, leading a class of 90 students in lecture and lab activities in Python, creating and grading quizzes and homework, and overlooking the other TAS on their tasks

Computer Programming/ App Development Intern, **Athena's Bump,** Charlottesville, VA   *August 2023 - December 2023*
- Spearheaded the development of an innovative iOS mobile application using Dart, demonstrating my ability to manage the full product lifecycle from conception to launch
- Leveraged technical expertise in Django to develop and maintain both front-end and back-end components of a web application, ensuring seamless product functionality
- Led a website redesign initiative by conducting comprehensive UX design research to enhance user experience and meet product objectives. Utilized Figma to create intuitive mobile app wireframes, translating product requirements into actionable development plans

PROJECTS

Course Review | Java, Fxml, CSS   *November 2023*
- Utilized the JavaFX GUI, MVC Model, A/B testing, and a SQL Database
- User based course review that featured a login/registration system, a course search feature, a course review feature, and other miscellaneous features that improves the Quality of Life of users, such as rating a class from 1 - 5 stars and leaving anonymous reviews; All data at each step is persisted into the SQL database

How Are You Brewin'? Chrome Extension | HTML, CSS, JavaScript | Hackathon

Developer & UI/Graphic Designer   *October 2023*
- Developed a Chrome extension to facilitate emotional self-expression, mood tracking, and daily journaling, fostering users' emotional well-being and self-awareness
- Created wireframe and design by hand
- Won Best Overall at UVA's Girls Hoo Hack 2023 for exhibiting creativity, innovation, and diversity of thought

SKILLS & INTERESTS

- **Programming Languages:** Python, Django, Java, HTML, CSS, Bootstrap, Javascript, Dart, SQL, R, Markdown, R Studio, Command Prompt, PowerShell, Latex, Linux | **Other:** Microsoft Excel, Powerpoint, Slidedeck
- **Design**: Canva, DaVinci Resolve, Figma | **Languages:** English, Mandarin Chinese
- **Soft Skills:** Communication, Teamwork, Time management, Creativity, Organizational, Adaptability
- **Interests:** Photography, Videography, Biotechnology, Business, Marketing, Crocheting, Guitar