Siddharth M. Tickle

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EDUCATION

University of Virginia   **May 2024**
BS, Computer Science; Minor(s): Data Science, Business; GPA: 3.93   *Charlottesville, VA*

- **Activities:** HooHacks, Chak De Charlottesville, Forge, Undergraduate Research Network, theCourseForum
- **Relevant Coursework:** Data Structures, Algorithms, Operating Systems, Machine Learning, Theory of Computation, Data Visualization, Software Development, Probability, Linear Algebra, Computer Architecture

WORK EXPERIENCE

Capital One | Software Engineer Intern | Chicago, IL   **Jun 2023 – Aug 2023**

- **Interactive Voice Response Team:** Spearheaded the development of a dynamic platform to create and manage custom announcements for Capital One's customer service lines, enhancing the overall customer experience.
- Collaborated closely with stakeholders to ensure the app's alignment with their specific guidelines and use-cases, resulting in a tailored solution that met their requirements effectively.
- Leveraged AWS technologies, including DynamoDB, Polly, and S3, to design a robust and scalable backend, ensuring seamless data storage and retrieval for the IVR platform.

Qualtrics | Software Engineer Intern | Seattle, WA   **May 2022 – Aug 2022**

- **xFlow Runtime Team:** Pioneered the design and development of a cutting-edge full stack web application aimed at empowering 35 engineers and support team members to efficiently diagnose bugs and gather critical workflow information.
- Ensured the application's reliability and stability by authoring comprehensive unit tests using Mocha, Sinon, and Proxyquire, achieving an impressive 80% code coverage. This rigorous testing process guaranteed that the app performed as intended after deployment to internal engineering servers.
- Streamlined the development process by creating Jenkins CI/CD pipelines, automating testing and deployment procedures. This resulted in increased team productivity and faster iteration cycles, saving valuable time and resources.

Syntrillo | UX Engineer Intern **|** Charlottesville, VA   **May 2021 – Aug 2021**

- Successfully optimized the patient experience for stroke and TIA survivors by implementing a thoughtfully designed and sensitive questionnaire, encouraging increased response rates and reliable data collection.
- Developed detailed documentation of design changes and streamlined processes, leading to the creation of a comprehensive UX Guidelines page. This valuable resource facilitated seamless communication and ensured consistent data representation for an international team of experts, physicians, clinicians, and engineers.

ACTIVITIES

HooHacks | Secretary and Director of Marketing | Charlottesville, VA   **Aug 2021 – Present**

- Lead a marketing team of eight members to advertise UVA's premier in-person hackathon, garnering over 1,700 signups from students across the country.
- Leveraged creativity and design skills to create captivating social media posts, eye-catching flyers, and attention-grabbing posters using industry-standard tools such as Canva and Figma.
- Demonstrated expertise in React by leading an engaging and informative Introduction to React workshop for hackathon participants.

Chak De Charlottesville | Director of Public Relations | Charlottesville, VA   **Apr 2023 – Present**

- Using Figma and Canva to promote multiple social media outlets to market a brand-new Bollywood fusion dance competition in Charlottesville.

Forge | UX Design Instructor | Charlottesville, VA   **Aug 2021 – Feb 2022**

- Pioneered a comprehensive redesign of the course curriculum, aimed at equipping 20 students per semester with cutting-edge UX research tactics, such as competitor analysis, user interviews, and other essential methodologies, ensuring they are well-prepared for the demands of the modern industry.

SKILLS & INTERESTS

Skils: Python, JavaScript, Figma, React, Express, Node, Java, C++, Django, Linux, Git, NumPy, Scikit-learn, Firebase, Heroku, Lightroom
Interests: Graphic Design, Photography, Embroidery, Food