Aryaman Ghosh

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EDUCATION

University at Buffalo, The State University of New York   Expected May 2024
Bachelor of Engineering, Computer Science   GPA: 3.25/4.0

AWARDS & INVOLVEMENT

Dean's List Honoree   Fall 2020, Spring 2021

SKILLS & TOOLS

- **Languages:** JavaScript, Python, Solidity, C
- **Web Development:** HTML, CSS
- **Tools:** Visual Studio, IntelliJ IDEA, VMware, Unix, Linux

WORK EXPERIENCES

IT Customer Service Student Assistant, University at Buffalo   **September 2021 - Present**

- Execute bash commands to establish the enterprise versions of software in all university computers to maintain standardization
- Collaborate with a team of 10 professionals to complete problem-solving tasks and accomplish software requirements for consumers
- Resolve 200+ client concerns professionally by implementing the local database to categorize the issue

Analyst Intern, Nestlé   **July 2021 - August 2021**

- Administered automation for process management of factories to increase efficiency for work orders
- Delivered better structures of asset management for the company by moving to the cloud for future endeavors
- Composed weekly progress reports on computerization with a team of 5 to the panel of managers.

Summer Learning Academy Extern, AT&T   **July 2021 - August 2021**

- Acquired business and technical acumen, personal growth, and professional development across 80 hours of online learning
- Gained insights and advice on business, leadership, technology, and career from business executives and recognized experts

PROJECTS

Drive to Pay – Blockchain Application: JavaScript, Solidity, HTML | GitHub   September 2022 - Present

- Developed an application for web3 using smart contacts called Drive to Pay, built on eliminating the use of paying windows in a drive through
- Created an interface for the application to improve UI/UX for the consumer
- Implemented an encryption system to keep consumer information safe

Semaphores and Producer-Consumer Queues: C | GitHub   November 2021 – December 2021

- Produced an efficient semaphore using mutex and condition variables
- Implemented the semaphore created to execute adding and removing items from the queue
- Designed first-in-first-out semantics for items placed on the queue

Informative Website: JavaScript, CSS, HTML | GitHub   November 2022

- Led a team of 8 to show information about nine members of a university organization
- Devised 4+ pages of UI/UX to engage the user in learning about us
- Formalized the content on all pages to enforce uniformity