SIDHARTH EDUPUGANTI

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OBJECTIVE

Academically invested computer science student looking to participate in fields such as full stack web development, computer graphics, and DevOps. Well-versed within front-end web development and skillful graphics designer. Excels at group-oriented project management, but also productive in an isolated environment

EDUCATION

Texas A&M University, College of Engineering, College Station, TX   **Expected May 2023**
Bachelor of Science, **Honors Computer Science**   **GPA: 3.87**
Minor: Cybersecurity

Master of Science, **Computer Science**, *Fast Track Program*   **Expected May 2024**

Relevant Courses: Data Structures & Algorithms; Linear Algebra; Computer Organization; Operating Systems (I.P); Analysis of Algorithms (I.P); Law & Policy in Cybersecurity (I.P.)

EXPERIENCE

Texas A&M University, Jon P Elizondo, *Teaching Assistant*   **Aug. 2021-Present**
- Instruct ~100 students in data visualization tools, such as Matplotlib, applied with Python
- Contribute instruction material for over 10 lectures to assist professor

Mediosis, Mediosis LLC, *Software Engineering Intern*   **Sept. 2020-Nov. 2020**
- Spearheaded development of front-end interface to facilitate patient-doctor interaction
- Utilized *Affinity Designer* to construct various UI/UX mockups and implemented with the use of HTML, CSS, & JavaScript
- Conducted user interviews to identify pain points of the application and adapt the design to account for all demands of the patients

Cascade Water Solutions, Dr. Mark Holtzapple**,** *Honors Undergraduate Researcher*   **Aug. 2020-Dec. 2020**
- Application of knowledge of SolidWorks to design products aimed at efficient purification of water
- Present blueprints to team of researchers investigating water desalination

PROJECTS

Hack Assembler & Disassembler   **April 2021**
- Utility written in C++ to convert between *Machine Code* and *Assembly*

AWARDS

Craig and Galen Brown Engineering Honors   **Aug. 2020-Present**
- Honors program for students who invent, imagine, create, explore, inspire, or heal

Technology Student Association, Regionals 1st Place, Video Game Design   **Oct. 2018**
- Developed game using C# and JavaScript based on TSA criterion
- Designed game via *Unity* that had functionalities like Pokémon games
- Designed graphics using *Adobe Photoshop* and *Affinity Designer*

LEADERSHIP

Technology Student Association, *Project Manager*   **Oct. 2018-Apr. 2019**
- Coordinated all groups that managed a specific task
- Collected and revised each portion of project to be combined and put final product together

ACTIVITIES

Cybersecurity Club, Texas A&M University, *Member*   **Sep. 2019-Present**
- Learn how to use Unix to practice cybersecurity concepts through Kali Linux
- Attend presentations from cybersecurity specialists from industry on their experiences

Computing Club, Texas A&M University, *Member*   **Sep. 2019-Mar. 2020**
- Viewed presentations to help expand knowledge of various computer science specializations

SKILLS SUMMARY

- Languages: C++, Python, HTML, CSS, JavaScript, Visual Basic
- Tools: Visual Studio Code, Unity, VMware Workstation, Affinity Designer, Final Cut Pro X
- Platforms: Windows, macOS, Linux, Kali Linux