

SREYA NALLA

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EDUCATION

The George Washington University

Expected May, 2022

B.S., Computer Science, Minors in Economics and Political Science

- **Cumulative GPA:** 3.5, **Technical GPA:** 3.7
- **Honors:** Dean's List (Spring 2020), Presidential Academic Scholar, Grace Hopper Celebration Attendee (Fall 2020)
- **Leadership:** GWU Women in Computer Science, Co-Chair (Jan. 2020 – Present); Rewriting the Code, Fellow (Aug. 2020 – Aug. 2021)
- **Organizations:** Pi Beta Phi Fraternity; Association for Computing Machinery, The Women's Network at GWU

Relevant coursework: Software Development, Algorithms and Data Structures, Databases, Systems Programming, Computer Architecture, Discrete Mathematics I & II, Advanced Networking and Distributed Systems, Operating Systems, Multi-variable Calculus

TECHNICAL SKILLS

Programming Languages: C, Java, Python, GoLang, HTML, CSS, JavaScript, PHP

Database Systems: MySQL

Software and Applications: Git, Wordpress, Adobe Creative Cloud, Microsoft Office Suite, Visual Studio Code

RESEARCH

Undergraduate Research Assistant

May, 2020 - Present

The George Washington University • Washington DC

- Implement code for OpenNetVM, an open-source network virtualization platform, alongside 15 students to provide secure and efficient network processing
- Collaborate daily with 4 colleagues to develop and conduct experiments on load-balancing capabilities of a SmartNIC in comparison to those of a software network function
- Facilitate weekly peer code reviews, paper discussions and brainstorming sessions in order to identify current functionality and areas of improvement

WORK EXPERIENCE

Student Academic Assistant

Aug, 2020

The George Washington University • Washington, DC

- Prepared camp materials for GenCyber, an all-girls National Security Agency and National Science Foundation funded cybersecurity camp
- Hosted breakout sessions of 8 girls to educate them on real-world applications of cybersecurity concepts and existing careers in the field
- Taught 30 middle school girls how to code using micro:bits and provided 1-on-1 debugging assistance as needed
- Worked directly with 3 team leads to create a schedule of daily activities, to organize camp speakers and to ensure student engagement

Senior Lab Technician

Feb. 2019 – September 2020

The George Washington University • Washington, DC

- Developed and monitored 3 to 4 faculty websites and blogs per semester with HTML, CSS, JavaScript and Wordpress
- Designed 6 to 8 original print materials weekly, such as flyers and ads, to be displayed on academic websites and social media outlets
- Supervised and perpetually updated 15 content management systems deployed across 3 academic buildings
- Devised daily technical solutions pertaining to hardware and software installations and account maintenance for over 100 faculty members and students via phone, email and web teleconference

Web Developer, Graphic Designer

May, 2018 – Present

Verinume, Inc • Nashua, NH

- Self-taught HTML, CSS, JavaScript, alongside Bootstrap to repair code and optimize corporate website
- Created a unique company logo and personalized business cards with Adobe Photoshop and InDesign
- Met with company president weekly to understand needs, revise plans and achieve demanding targets

TECHNICAL PROJECTS

Search Engine • C

Application Processing System, Database • PHP, MySQL, HTML, CSS, JavaScript

Simulated Weather Analyzer • C, Arduino IDE

Voting Machine, Random Password Generator • Python, Micro:bit

Humans vs. Vampires, GUI Simulation • Java

ADDITIONAL INFORMATION

- United States Citizen
- **Languages:** English (Native), Telugu (Native), Spanish, Hindi