Smruthi Srinivasan

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EDUCATION

University of Illinois at Urbana-Champaign   Sep 2020 – May 2024 (Expected)
- **Expected major:** Computer Engineering (ECE)
- **Relevant Coursework:** Introduction to Computing, Introduction to Electronics, Computer Systems Programming
- **Honors:** Grace Hopper Conference Scholar (Bloomberg), Capital One Software Engineering Summit, Bank of America Launchpad Forum (FinTech & Data Science), PNC Code Summit (2nd place), **JP Morgan Work Prep Program**
- **Activities:** Women in ECE - Academic Committee Chair, Society of Women Engineers - Alumni Relations Chair

John P. Stevens High School   Sep 2016 – Jun 2020
- **Academics:** 3.95 GPA; National AP Scholar, National Merit Commended Student, February Senior of the Month
- **Activities:** CyberHawks (App Dev), Future Business Leaders of America, Indian Classical Dance, Electronic Keyboard
- **Honors/Awards:** NCWIT Aspirations in Computing NJ Affiliate Winner Award, Future Business Leaders of America Computer Applications Event (Regional 1st place, State 4th place, National), President's Volunteer Service Award – Gold

EXPERIENCE/RESEARCH

Northrop Grumman – Software Engineering Summer Intern   Jun 2021 – Present
- Developed CRUD application using Electron and Angular; worked with data editing/data storage in JavaScript.
- Developing satellite data editing prototype with Electron/Angular for government Defense Systems project; preparing Electron analysis paper to present to senior executives.

Teachers' Retirement System (NYC) – Software Engineering Summer Intern   Jun 2020 – Aug 2020
- Managed 5 application servers, prepared technical documentation for software application use.
- Developed automation scripts to regularly update Active Directory groups/accounts and updated related database tables.
- Built GUI for users to login to access account information and update Active Directory group membership/account type.
- Directed IT Vision meetings to establish key goals for the department to implement in the upcoming 3 years.

Girls Who Code Summer Immersion Program   Jul 2019 – Aug 2019
- Selective 7-week computer science summer program for students entering 10th or 11th grade hosted at WW International.
- Developed Python, HTML/CSS, JavaScript, data science, and robotics skills by building various projects; collaborated with a team of 2 and used Agile methodologies to develop a global news website that compiles & displays 15 news sources.

LEADERSHIP

Girls Who Code Club – Executive Board Leader   Feb 2020 – Jun 2020
- Actively coordinated & organized lesson plans/meetings, mentored members to foster sisterhood among women in CS.
- Taught Java programming to 30+ club members and directed interactive programming projects.

Astronomy Club - President   Sep 2017 – Jun 2020
- Directed and organized meetings and astronomy-related events; facilitated club activities; developed and managed website.
- Led the Mars Student Imaging Project Team; worked with Dr. Dale Gary, Professor at NJIT, on astronomical research.

TECHNICAL PROJECTS

Astronomy Club Web Application (jpsastronomyclub.com/)   2019

Developed web application to display members' points; used Google Firebase Framework & Realtime Database and implemented Google Authentication for members to access points. (Technologies: JavaScript, HTML/CSS, Google Firebase)

Cybersecurity Dashboard   2020

Developed an interactive Tableau dashboard integrated from multiple data sources that displays various visualizations of server vulnerabilities' details based on calculated and filtered fields. (Technologies: Tableau)

Financial Stocks Forecast Web Application (forecastmystock.com/)   2020

Developed web application for users to search and view visualizations of projected stock prices using Python ARIMA Models, NumPy, and Pandas Libraries. (Technologies: Python, Django, HTML/CSS, JavaScript)

SKILLS

Technical: Java, C++, Python, HTML/CSS, JavaScript, PowerShell, SQL, Tableau.

Languages: English, Tamil, Hindi, Sanskrit.