Shrinithi Narayanan

RICE UNIVERSITY · COMPUTER SCIENCE
Houston, TX 77005

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Education

Rice University | Houston, TX
B.S. COMPUTER SCIENCE | Fall 2015 - Spring 2019
- Trustee Distinguished Scholar

Experience

CodeHS | San Francisco, CA
TUTOR | Summer 2015 - Present
- Provided students one-on-one feedback as they progressed through the curriculum
- Helped grade student programs, answered any questions, and aided in creating new content
- Worked with students around the world and helped teach them how to code

Sandia National Labs | Livermore, CA
CYBERSECURITY INTERN | Summer 2014
- Created a network traffic profiler for cyber operations to discover various attacks in real time
- Proof of concept for ephemeral biometrics - linking human biometrics to cyber authentication
- Utilized available biofeedback devices to measure biometrics, and retrieved raw data

CA Scholarship Federation | Pleasanton, CA
WEBDEV INTERN | Fall 2013
- Created multiple HTML forms for registrations that CSF hosts
- Linked received data from HTML forms into a mySQL database, for future use by other members
- Worked on mobile apps for high school students to be up-to-date about CSF events

Technical Skills

Languages, Java, Python, C, C++		6 years
WebDev, HTML, CSS, Javascript		6 years
Scripting, UNIX/Linux		6 years
Networking, Bro IDS, Wireshark, nmap		4 years
Databases, PostgreSQL, mongoDB		3 years
Forensics, file systems, Autopsy, Volatility, EnCase		2 years

Awards

Ephemeral Biometrics Poster, presented at USENIX Security 2014 by Sandia National Labs	2014
National AP Scholar, awarded by College Board	2014
Aspirations in Computing National Winner, awarded by NCWIT	2013
Commended Scholar, awarded by National Merit Scholarship Corporation	2013

Coursework

Rice University, Algorithms, Game Design, Program Design, Funds. of CompEng, Multivariable Calculus, Linear Algebra, Statistics, Parallel Programming, Computer Systems, Compilers, Databases, Web Dev, Object Oriented Programming, Operating Systems, Computational Neuroscience | 3 years

Ohlone College, Computer Forensics, Data Communications, Javascript to AJAX, Linux SysAdmin, PERL Programming, UNIX/Linux Shell Scripting | 1 year