Shrinithi Narayanan

RICE UNIVERSITY · COMPUTER SCIENCE
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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, Advanced Object Oriented Programming, Algorithmic Thinking, Compiler Construction, Computer Systems Architecture, Distributed Program Construction, Elements of Algorithms and Computation, Fundamentals Computer Engineering, Fundamentals of Parallel Programming, Intro to Computer Systems, Intro to Database Systems, Intro to Game Prog in Python, Intro to Program Design, Linear Algebra, Multivariable Calculus, Operating Systems/Concurrent Programming, Probability and Statistics, Reasoning About Algorithms, Tools and Models for Data Science, Web Development

4 years