CHRISTIAN H. DEAN

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EDUCATION

Bachelor's of Computer Science | Louisiana Tech University
September 2011 to May 2015 • Ruston, LA

Completed curriculum at an accelerated pace, with a focus on cyber-security and computer forensics. Additionally completed an extra year's worth of credits from higher-level mathematics and electrical engineering electives. Finished optional Honors program. I am honored to have attended Louisiana Tech University on a full-ride Presidential scholarship.

GPA : 3.65

Airline High School
September 2007 to May 2011 • Bossier City, LA

Fabricated robot from scratch in LSUS machining lab as part of Robotics Club. Led club to state competition as vice-president. Dual-enrolled in college courses each semester of high school, allowing me to obtain CompTIA A+ and Network+ industry-level certifications. Graduated with standardized ACT composite score of 32, placing in 98th national percentile.

GPA : 3.78

EXPERIENCE

Research Associate | Louisiana Tech University + DARPA
April 2014 to May 2015 • 1 year • Ruston, LA

Project lead on design, coding, deployment, and maintenance of front & back-end of website for rapid internal testing and database communication. Assisted DBA with the design of a new, large-scale SQL Server database. Translated & optimized code from collaborators at CUNY / NYIT.

Research Assistant | Digital Forensics & Control Systems Lab
September 2013 to April 2014 • 7 months • Ruston, LA

Designed system for easily keeping track of upcoming conferences, paper publishing deadlines, journal calls, and other events. Constructed emailer for automated notification of said events. Revised and expanded code for graduate student's thesis on Power Flow Analysis using Newton-Raphson method. Also contributed to miscellaneous papers.

Installation & Logistics Intern | National Security Agency (NSA)
May 2013 to August 2013 • 3 months • Fort Meade, MD

Recommended, as part of a team, Data Center Management software to best fit the specific needs of the Agency, after meeting personally with several DCM software industry executives. Through collaboration with a graduate mechanical engineer, created a significant portion of a mock engineering design document for an upcoming computer system installation.

CLUBS AND ACTIVITIES

Club Officer | Association of Cyber Engineers
Fall 2012 to Spring 2014 • Louisiana Tech University

Scored points in Department of Defense's annual cyber-forensics competition, DC3, by completing challenges for the Association's DC3 team (CyberACE4LaTech). Ranked 4th place worldwide in DC3's undergraduate division. During club meetings, taught members the tools and methods of computer hacking. Presented on various cyber topics, such as steganographic encryption and retrieval. Additionally handled all club finances.

Program Ambassador | Computer Science Department
Spring 2013 to Spring 2015 • Louisiana Tech University

Introduced prospective students to Computer Science department, either through tours or one-on one. Answered questions concerning university and academic life. Made recommendations based on student interests and goals. Participated in Q&A sessions for Engineering and Science students, as well as several university-wide orientation events. Students often expressed gratitude for my guidance, and were pleased with my willingness to help.

COURSES

Defensive & Offensive Cyber Security Series

Enrolled in extracurricular night-time courses on defensive and offensive cyber security, in order to develop abilities beyond the scope of the typical Computer Science course progression. Used isolated computer network to study the identification and exploitation of network and web app vulnerabilities, along with miscellaneous computer forensics techniques. Certified ethical hacker Christopher Barber (CEHv7, CISSP) taught this series of extracurricular classes.

Engineering 420 Leadership Seminar

Attended lectures focused on improving business meeting efficiency, identifying personal areas of strength or weakness, and developing active listening skills. Required reading included *Now, Discover Your Strengths* and *Leadership and Self-Deception*. Seminars were taught by Eugene Trammell, co-founder of NetQoS and former executive at CA Technologies.

DISTINCTIONS
Top Secret Clearance (Expired)
Computer Science Dept. Ambassador
Upsilon Pi Epsilon Vice President
Mathematics Minor (6 courses)
Network+ Certification
A+ Certification

CYBER FORENSICS
Wireshark
The Sleuth Kit
BackTrack 5 R3
Cross-site scripting
Steganography
SQL Injection
OWASP

LANGUAGES / FRAMEWORKS / ETC
JavaScript / HTML / CSS
MySQL / TSQL / MongoDB
AngularJS / MEAN / Node
C# / C++ / C
Bootstrap
jQuery
Python
Java
Ember
ASP.NET
Android

EXPERIENCE
Windows + Linux
Microsoft Office Suite
REST / MVC / Scalability
Chrome Web Inspector
Photoshop / Illustrator
Spaced Repetition
Best Practices
Sublime Text
Visual Studio
3D Modeling
Unit Testing
GitHub
Regex
Agile

ANCILLARY
Technical Presentations Experience
Meeting Management Experience
ELS English Volunteer Tutoring
Technical Writing Experience
Board Game Club Officer
FCC-Licensed Radio Operator

TO DO
Django
ECMAScript 2015
AWS EC2 / EMR / Redshift
Computational Neuroscience