

Cory Nance

Lecturer at Coastal Carolina University
<https://github.com/canance>

November 30, 2017

Education

- **Dakota State University** Madison, SD
D.Sc. in Cyber Security 2020 (expected)
- **Georgia Southern University** Statesboro, GA
M.Sc. Computer Science 2013
- **Coastal Carolina University** Conway, SC
B.Sc. Computer Science 2010

Publications

1. Frank, C., **Nance, C.**, Jarocki, S., & Pauli, W. E. (2017). Protecting IoT from Mirai botnets; IoT device hardening. Proceedings of the Conference on Information Systems Applied Research
2. **Nance, C.**, Losser, T., Iype, R., & Harmon, G. (2013). Association for Information Systems AIS Electronic Library (AISeL) NOSQL VS RDBMS -WHY THERE IS ROOM FOR BOTH

Presentations

1. Auger, G., Flaagan, T., & Nance, C. (2017, November 11). RevEng All the IoTs. Presented at BSides Charleston in College of Charleston - School of Business, Charleston, SC
2. Nance, C. (2017, October 24). Protecting IoT from Mirai botnets; IoT device hardening. Presented at One Talk, One Time in Coastal Carolina University, Conway, SC.

Grants

- Google Cloud Platform Education Grant (\$5,500) 2017
CCU Online Learning Incentive Grant (\$49,800) 2016-2017

Service

- Faculty Advisor - ACM Student Chapter 2017 - present
IS Curriculum Committee Member 2014 - present
IT Curriculum Committee Member 2014 - present
Search Committee Member: Assistant Professor of IT 2017
Search Committee Member: Assistant Professor of IT 2016
Search Committee Member: Lecturer of Computing Sciences 2016
Search Committee Member: Lecturer of Computing Sciences 2015
Search Committee Member: Lecturer of Computing Sciences 2015
Search Committee Member: Assistant Professor of IT 2014

Professional Development

- 2016
 - Interpreting Student Evaluations
 - Effective Teaching: Course Design and Preparation
 - Building a Framework for Your Distance Learning Moodle Course
 - Course Design: Creating Learning Guides
 - Survey of Tech Tools for Distance Learning Instructors
 - Creating a Distance Learning Syllabus
 - Organizing Your Distance Learning Course
 - Managing Your Online Workload
 - Distance Learning: Applying the Quality Assurance Inventory to Your Online Course
 - Distance Learning Institute - Overview
 - Distance Learning - Course Design and Preparation
 - Transform Your Students From Passive to Active Learners
 - Using Mid-Semester Feedback to Improve Your Course
 - Effective Teaching: Integrating Instructional Technology
 - Classroom Motivation and Management
 - Active Learning to Enhance Lectures
 - Effective Teaching: Classroom Instruction Methods
 - Building an Inclusive Classroom
 - Make Your Lectures More Effective
 - Developing a Course Plan
 - Teaching Effectiveness Institute Overview
 - Effective Teaching: Assessment Strategies
- 2017
 - Grand Idea Studio: Hands-on Hardware Hacking Training
 - Integration of Accessible Assignments and Activities into your Online, Hybrid and Flex Classes

Courses Taught

- Coastal Carolina University
 - CSCI 130: Intro to Computer Science
 - CSCI 131L: Algorithmic Thinking
 - CSCI 135: Introduction To Programming
 - CSCI 140: Introduction to Algorithmic Design I
 - CSCI 140L: Introduction to Algorithmic Design I Lab
 - CSCI 145: Intermediate Programming

- CSCI 150: Introduction to Algorithmic Design II
- CSCI 150L: Introduction to Algorithmic Design II Lab
- CSCI 211: Computer Infrastructure
- CSCI 415: Windows Systems Administration
- CSCI 425: Database Design
- Horry-Georgetown Technical College
 - CPT 187: Object-Oriented Logic and Design

Work Experience

- **Coastal Carolina University** Conway, SC
Lecturer *August 2014 - current*
 - Academic Advisor
 - Faculty member of the Department of Computing Sciences
- **Horry-Georgetown Technical College** Conway, SC
Systems Administrator *May 2013 - August 2014*
 - Provide college-wide and across all campuses, technical support and services in the operation and administration of enterprise-level servers and related infrastructure.
 - Install, configure, and operate a Windows and Linux server environment consisting of physical and virtual (VMware) servers, Storage Area Network (SAN), and related hardware/software.
 - Monitor, troubleshoot, and maintain server hardware and storage products; and confer with vendors in diagnosing and correcting errors.
 - Assist with maintaining application and support systems including, but not limited to, e-mail system (Exchange), spam filtering, database (SQL Server), user accounts (Active Directory), and domain name service (DNS).
 - Assist with implementing the necessary controls, procedures, and best practices for maintaining information security of hardware, server resources, and systems.
 - Assist with performing data backup and recovery procedures; and adhere to established retention schedule.
 - Assist in researching new technologies and perform other related duties as may be assigned.
- **Coastal Carolina University** Conway, SC
Teaching Associate *August 2013 - May 2014*
 - Teaching undergraduate courses in Computer Science.
- **Horry-Georgetown Technical College** Conway, SC
Adjunct Faculty *January 2013 - May 2013*
 - Teaching object-oriented language and design (Java).
- **Horry-Georgetown Technical College** Conway, SC
Applications Analyst *November 2011 - April 2013*

- Provide college-wide technical support in the analysis, design, programming and maintenance of administrative information systems and applications.
- Write scripts to interface with Ellucian (formerly Sungard) Banner.
- Report writing from Oracle databases
- Linux server security, updates, and maintenance
- Troubleshoot and update the Continuing Education website

- **SJGC Associates**

Murrells Inlet, SC

Software Analyst

March 2011 - October 2011

- Configure and maintain email and web servers to support email marketing.
- Migrated email servers from Windows to Linux
- MS-SQL and MySQL database administration
- Postfix and Courier administration
- Software and web development

- **Web Data Software, LLC**

North Myrtle Beach, SC

Software Developer

September 2010 - September 2011

- Software and web-based development.
- Develop and interface with web services (SOAP/REST/XML-RPC)
- MS-SQL database administration
- OAuth integration

- **Coastal Carolina University**

Conway, SC

Lab Assistant

September 2010 - December 2010

Skills

- **Development:** Python, Java, C/C++, PHP
- **Technology:** Linux administration, Windows Server administration, Metasploit, IDA Pro, WinDbg