
RICHARD RYAN MURPHY

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Education

Auburn University, Auburn, AL — Bachelor of Science in Computer Science

GPA: 3.41/4.00

Expected Graduation Date: May 2016

Experience

Study Abroad, Beijing & Taiyuan, China — Summer 2015

- Studied Computer Science at Taiyuan University of Science and Technology and Beijing University of Civil Engineering and Architecture
- Chosen as the one Computer Science/Software Engineering Department representative for Samuel Gin College of Engineering

Dare County Government Offices IT Department, Manteo NC — 2011-2014

- Worked with Network Engineers updating county computer systems
- Rebuilt computer hardware systems, replaced hard drives, disk drives, etc.
- Presented to the County Board of Commissioners on ways to improve cost efficiency through the use of updated technology and enhanced security
- Created a mobile accessible version of www.co.dare.nc.us at www.co.dare.nc.us/mobile

Projects

TCP and UDP Servers and Clients

130+ Page Design Document (UML) for an entire Android App

Languages and Technologies

Languages: Java (primary), C/C++, Assembly, XML, Javascript, CSS

Integrated Development Environments: Eclipse, Visual Studio

Text Editors: Code, Sublime

Version Control Systems: Git

Relevant Coursework

Completed Courses: Java I & II; Calculus I, II & III; Software Construction; Assembly Language Programming; Algorithms; Principles of Programming; Operating Systems; UML; Web App. Dev.

Current Courses: Formal Languages; Databases & MySQL; Computer Networks

Honors and Awards

National Science Foundation (STEM) 4-Year Scholarship

CS / Software Engineering Advisory Board Scholarship

Dare County, North Carolina Community Service 4-Year Scholarship

High School Student Government Association President

Activities

Association for Computing Machinery — 2014-Present

- Competed in mock competitions

Freshman Leadership Programs, Auburn, Alabama — 2012-2014

- Freshman year learned leadership skills to assist incoming student
- Sophomore year became a Director of Freshman Leadership Programs

Greek Organization, Auburn, Alabama — 2012-Present

- Head Technology Chair

Community Service

AU Dance Marathon for Children's Miracle Network, Auburn, Alabama — 2012-2016

Peer Tutoring in Computer Science / Math, North Carolina & Auburn — 2011-2016
