

## CURRICULUM VITAE

**NAME:** Charles F. Bryan III, M.S.

**EDUCATION:**

1996-2000 B.S.-Computer Science, *With Distinction*, Virginia Military Institute  
2006-2010 M.S.-Computing and Software Systems, University of Washington  
Tacoma

**TEACHING EXPERIENCE:**

3/07-5/09: Instructor-Computer Information Technology, Clover Park Technical College,  
Lakewood, WA  
8/09-5/14: Full-time Instructor-Computer Programming, Fayetteville Technical Community  
College, Fayetteville, NC  
8/2014-5/15: Adjunct Instructor-Computer Programming, Fayetteville Technical Community  
College, Fayetteville, NC  
9/2015-Present: Full-time Competatively-highered Lecturer-Computer Science and Systems,  
University of Washington Tacoma, Tacoma, WA

**LICENSURE & CERTIFYING EXAMINATIONS:**

Oracle Certified Associate, Java SE 7 Programmer – 11/13

**MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES:**

Association for Computing Machinery (ACM)  
Upsilon Pi Epsilon Honor Society, University of Washington Tacoma Chapter (09)  
Institute of Technology Advisory Board – Graduate Student Member, University of Washington  
Tacoma, (07 - 08)

**AWARDS:**

William W. Philip Endowed Scholarship, University of Washington Tacoma, (08)  
Team Contribution Award, Naval Sea Systems Command, Combat Systems Department (05)  
Elected to Who's Who Among Students in American Universities and Colleges, (99-00)

**RESEARCH:**

**Research Assistant** - University of Washington Tacoma (Tacoma, WA) (1/07 – 4/07)  
Institute of Technology and Port of Tacoma Grant, Navigational Aids  
**Graduate Design Project** - University of Washington Tacoma (Tacoma, WA) (10) *InterAcText:*  
*Introduction to Java Programming A Computer-based Interactive Java Programming Textbook:*  
A educational tool used to facilitate students who are learning Java programming. InterAcText is  
a computer-based Java programming textbook. InterAcText includes several different forms of  
interactive tools that engage readers and encourage them to become part of the learning process

**PUBLICATIONS:**

Htay, A. and **Bryan, C. F.** 1999. Design and implementation of supervisory software for an  
intelligent robot. *Proceedings of the 37th Annual Southeast Regional Conference*, Article No. 6

## **MAJOR TEACHING RESPONSIBILITIES:**

**-Fayetteville Technical Community College, Computer Programming:** Teach twenty contact hours per week, twelve semester credit hours, to include CS0 and CS1 courses. Responsible for the curriculum design, textbook selection, online Blackboard site creation, and administration of each course. Taught both first and second semester of Java Programming and C# Programming. Advise Computer Programming curriculum students in course selection, program direction, and post graduation job and school hunting. Mentor and direct students during their semester capstone projects, a requirement for each student's graduation. Served as Vice President of the FTCC Enrollment Management Committee.

**-Clover Park Technical College, Computer Information Technology:** Taught up to thirty contact hours per week, sixteen to twenty quarter hours, to include CS0, CS1, and CS2. Other courses taught included HTML & CSS, Object-oriented Analysis and Design, JSP & Servlet Programming, JavaScript Programming, and Introduction to Computers. Advised over forty students in course scheduling, program direction, funding and financial options, and personal issues. Created the Quarterly schedule for up to eight courses for two instructors. Each schedule took into account student cohorts and their overall progress, as well as ensured all courses in the CIT offering were taught in a regular interval. Mentored a junior instructor. Selected, mentored, and managed program tutors. Recruited future students by holding biweekly orientation meetings, high school open houses, and participated in high school teacher shadowing programs.

## **PROFESSIONAL DEVELOPMENT:**

6/04 Foundations of Leadership Program, NAVSEA Dahlgren, Naval Surface Warfare Center

5/10 iPhone app development in the classroom, Mid-Atlantic Working Connections Conference, Radford, VA

4/11[CB1] Attendee, North Carolina Computer Instructors Association, Morehead City, NC

5/11 Using Games and Java to teach CS1, Mid-Atlantic Working Connections Conference, Radford, VA

6/11 Alice 3.0 Workshop, Carnegie Mellon University, Pittsburg, PA

4/12 Attendee, North Carolina Computer Instructors Association, Asheville, NC

5/12 Mobile Application Development in the Classroom, Mid-Atlantic Working Connections Conference, Radford, VA

4/14 Presenter, North Carolina Computer Instructors Association, Raleigh, NC

## **PROFESSIONAL EXPERIENCE:**

6/00-6/06: Civilian Computer Scientist-Systems Control & Operational Support Branch, NavSea Dahlgren, Department of Navy, Dahlgren, VA

## **PRESENTATIONS:**

3/10 Institute of Technology at the University of Washington, Tacoma – End of Quarter Colloquium, Tacoma, WA - Master's Design Project: An Interactive Educational Software Environment for Programming Fundamentals in Java

4/14 North Carolina Computer Instruction Association – Annual Conference, Raleigh, NC  
Connecting to a Database with Java – What to, When to, and How to