

Brandon James Chase

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EDUCATION: The University of Texas at Arlington

Major: Bachelor of Science, Software Engineering
GPA: 4.00/4.00

Arlington, TX

Aug. 2015 – expected May 2019

TECHNICAL EXPERTISE:

Programming Languages: Java, C, C++, C#, ARM Assembly, Bash (Basics)
Operating Systems: Windows {XP, 7, 8, 10}; Linux {Ubuntu, Mint}
Programming Environments: Microsoft Visual Studio 2015, Eclipse, Netbeans, Code::Blocks
Development Tools: Git, Make, Visual Paradigm (UML), Windows Forms, FLTK
Software Applications: Oracle VM VirtualBox, PuTTY (SSH)

RELEVANT COURSES:

Math & Science: Discrete Structures, Algorithms & Data Structures, Calculus{I,II,III}, Physics{I,II}
Programming: Intro. to Computers & Programming, Intermediate Programming, Object-Oriented Programming, Computer Organization
Software Engineering: Engineering Problem Solving, Fundamentals of Software Engineering

PROJECTS:

- Robot Shop for Object-Oriented Programming Class (C++) Aug. 2016 – Dec. 2016
 - Semester-long group project using the Scrum workflow
 - Involved analyzing requirements, designing through UML, implementing incrementally, and testing software that manages a robot shop
 - Implemented as both a command line interface and as a GUI in FLTK
 - Used GitHub to share work with others and maintain version control

ACTIVITIES:

- National Society of Collegiate Scholars Mar. 2016 - present
- CyberPatriot Competitions Aug. 2013 – May 2015
 - Led team of five students to diagnose and fix security vulnerabilities in various computers' operating systems while under a six-hour time constraint
 - Placed in the platinum tier (top 30% of over 2000 teams) in 2015
- Marching, Concert, Jazz Bands (Alto Saxophone) Aug. 2011 – May 2015
 - Oversaw the saxophone sections of each group
- Performed manual labor and community outreach with high school in the following locations for a week each summer:
 - Mendenhall, MS (2012); New Orleans, LA (2013); Brownsville, TX (2014); Montego Bay, Jamaica (2015)

AWARDS:

- UT Arlington - President's Charter Scholarship (\$8,000 per year) Aug. 2015 - present
- UT Arlington – College of Engineering Dean's List Fall 2016
 - Awarded to only 221 students out of nearly 4,000 for maintaining a 3.75+ GPA
- National Merit Scholarship Program Letter of Commendation Oct. 2014
 - Received designation as a Commended Student scoring in the top 50,000 of over 1.5 million students taking the PSAT in 2013
- Louis Armstrong Jazz Award May 2013
 - Given to one jazz student who exhibits a good work ethic and quality leadership