

John F. Breese III

Home Address

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Education

- **Thomas Jefferson High School for Science and Technology** Alexandria, VA
Jefferson Governor's School Diploma September 2004 - June 2008

Extracurricular Activities

- **AATG Summer German Exchange Program** June 2007 - July 2007
Participant
 - Visited historically significant landmarks, including the Mozart House in Salzburg and the Rathaus-Glockenspiel in Munich.
 - Attended classes in German history, culture, and language at the Karls gymnasium Bad Reichenhall, a German academic high school.
 - Interviewed with the town mayor on national German television and radio.
- **Thomas Jefferson Marching Colonials** June 2004 - Present
Tuba/Euphonium Captain
 - Participated in competitions, pep bands, and other ensembles.
 - Performed in USSBA national competition at Giants Stadium.
 - Current tuba/euphonium captain.
- **TJHSST Curricular Band** September 2004 - June 2005, September 2006 - Present
Section Leader
 - Member of concert band and symphonic band.
 - Current member of symphonic wind ensemble, Jefferson's most advanced band.
 - Grand champions at national band festival in Orlando, FL.
- **Amateur Radio Club** September 2004 - Present
FCC Licensed Operator, Vice President
 - Received FCC amateur radio license in April, 2006.
 - Activities coordinator, 2005-2006.
 - Vice president, 2007-2008.
- **Cardboard Boat Racing Team** September 2006 - Present
Club Founder and Admiral
 - Founded the TJHSST cardboard boat racing team.
 - Led the team in the design and construction of a full-sized, manned cardboard boat.
 - Won second place trophy in the July 2007 Lake of the Woods cardboard boat regatta.
- **IEEE/ACM** June 2007 - Present
Chapter President
 - Worked with the director of the TJHSST computer systems lab to plan engineering related activities and presentations.

Academic Conferences

- **Jefferson Overseas Technology Institute** June 2006
Presenter TJHSST
 - Presented setup and use of the Squid caching web proxy system, including a hands-on lab demonstration, to over 30 educational IT professionals from around the world.
- **NCSSSMST Student Conference** November 2005
TJHSST Representative Georgia Tech
 - Explored various issues related to magnet schools.
 - Participated in robotics competition.
 - Investigated the conference structure to assist in planning the TJHSST hosted 2007 NCSSSMST student conference.

Work Experience

- **Breese Computer Services** Fall 2005 - Present
Sole Proprietor and Chief Technician Ashburn, VA
 - Founded a local computer repair business which provides a variety of computer-related services to the larger Northern Virginia area, including hardware repair and maintenance, network setup, network security, operating system maintenance, and data recovery.
- **Tutor** Fall 2006 - Present
 - Provide tutoring services in mathematics, reading, and science.

Volunteer Experience

- **Computer Systems Administrator** Spring 2006 - Present
TJHSST Computer Systems Lab
 - Maintain and administer approximately 40 GNU/Linux workstations as a part of the systems administration team.
 - Developed and tested code for the school's student intranet system.
- **Octocam Project Coordinator** Spring 2006 - Present
TJHSST Marine Biology Lab
 - Collaborated with the school's marine biology lab to lead the Octocam project, a joint effort between the marine biology lab and the school senior network administrator, allowing live and archived video footage of the school's octopus to be published on the web.
- **Volunteer Web Design** Fall 2005 - Present
Various Organizations
 - Designed and maintained websites for several organizations, including the Thomas Jefferson Marching Colonials, NCSSSMST Conference Organization Group, and the Cardboard Boat Racing Team.
 - Co-created a staff intranet and scheduling system for Princeton's WPRB radio station.

Balloon Artist

Spring 2007

- *Juvenile Diabetes Research Foundation, DAR*
 - Created balloon animals for children at the Juvenile Diabetes Research Foundation’s Walk for a Cure event.
 - Demonstrated colonial games and made colonial themed balloons at the Susannah Chandler chapter of the Daughters of the American Revolution colonial fair.

Awards

Rensselaer Medal	2007
AATG National German Exam Award	2005, 2006, 2007

Test Scores

SAT Reasoning Test	2370 (CR:790 M:800 W:780)
SAT II Math Level 2	800
SAT II Physics	770
SAT II US History	740
AP Calculus AB	5
AP German	5
AP US History	4
AP Computer Science AB	5