

Brandon James Chase

Arlington, TX 76006 • (817) 642-7003 • hire@brandonchase.me • www.brandonchase.me

EDUCATION:

The University of Texas at Arlington, ABET-Accredited
Major: Bachelor of Science, Software Engineering
GPA: 4.00/4.00

Arlington, TX
8/15 – expected 5/19

TECHNICAL EXPERTISE:

Coding Languages: Java, C, C++, C#, Python, SQL, Bash
Web Development: HTML & CSS
Operating Systems: Windows {XP, 7, 8, 10}; Linux {Ubuntu, Mint, Fedora}
Coding Environments: Visual Studio 2017, Visual Studio Code, Eclipse, Android Studio, Netbeans
Development Tools: Git, Slack, Make, Visual Paradigm (UML), Windows Forms, FLTK,
Software Applications: Oracle VM VirtualBox, MobaXTerm, GitHub Desktop, PuTTY (SSH)

RELEVANT COURSES:

Math & Science: Discrete Structures, Calculus{I,II,III}, Physics{I,II}, Linear Algebra, Prob./Statistics
Computer Science: Algorithms & Data Structures, Object-Oriented Programming, Computer Organization, Operating Systems, Databases, Programming Languages, Theoretical Concepts, Network Organization, Artificial Intelligence, Information Security
Software Engineering: Engineering Problem Solving, Fundamentals of SE, Object-Oriented SE

PROJECTS*:

- **Personal Website:** (HTML & CSS) 1/18 – present
- **Time Tracker:** (Java) (Group Size: 4) (Duration: 1 month) 3/18 – 4/18
 - Android App that helps user track and manage habits
 - Served as project manager; delegated work, led meetings, and presented app to class
- **UTAPanner:** (Java) (Group Size: 3) (Duration: semester) 8/17 – 12/17
 - Android App to help UTA students plan their entire undergraduate career
- **SuperChat:** (C++) (Group Size: 5) (Duration: semester) 1/17 – 4/17
 - Served as back-end programmer to create a terminal-based chat room program
- **Robot Shop Manager:** (C++) (Group Size: 2) (Duration: semester) 8/16 – 12/16
 - Used the agile Scrum workflow
 - Analyzed requirements, designed UML, implemented incrementally, and tested software managing a fictional robot shop
 - Implemented as both a terminal interface and as a GUI in FLTK using the MVC pattern

*GitHub used to maintain version control and Google Drive used for sharing documentation for all above projects.

ACTIVITIES:

- National Society of Collegiate Scholars (Member) 3/16 – present
- UTA Honors College (Member) 8/15 – 5/17
- CyberPatriot Competitions 8/13 – 5/15
 - 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) 8/11 – 5/15
 - Oversaw the entire saxophone section
- 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 / year) 8/15 – present
- UT Arlington – College of Engineering Dean's List
 - Awarded to only 221 students out of nearly 4,000 for maintaining a 3.75+ GPA
 - Received for Fall 2016, Spring 2017, Fall 2017, Spring 2018
- National Merit Scholarship Program Letter of Commendation 10/14
 - Received designation as a Commended Student scoring in the top 50,000 of over 1.5 million students taking the PSAT in 2013