

# Brandon James Chase

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## EDUCATION:

5/19

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

**Arlington, TX**  
8/15 – expected

GPA: 4.00/4.00

## TECHNICAL EXPERTISE:

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

## RELEVANT COURSES:

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