

Brandon James Chase

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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

Relevant Courses: Object-Oriented Software Engineering, Software Design Patterns, Software Testing, A.I., Information Security, Databases, Network Organization, Algorithms

TECHNICAL SKILLS:

Coding Languages:	Java, C, C++, C#, Python, SQL, Bash
Web Development:	HTML & CSS, REST APIs, Google Domains, Amazon Lightsail, NGINX
Operating Systems:	Windows {XP, 7, 8, 10}; Linux {Ubuntu, RHEL, Mint}
Coding Environments:	Visual Studio 2017, Visual Studio Code, Eclipse, Android Studio, Netbeans
Development Tools:	Git, Slack, Google Drive, Azure DevOps, Draw.io (UML), Windows Forms
Software Applications:	Oracle VM VirtualBox, MobaXTerm, GitHub Desktop, PuTTY (SSH)

WORK EXPERIENCE:

- **Aricent:** Software Engineer Intern **Irving, TX**
 - Worked with others in a CMMI Maturity Level 5 company to streamline test automation
 - Wrote shell scripts that interact with a REST API to provide dynamic configuration management of IBM Connect:Direct servers
 - Integrated the scripts with the existing automated test framework that previously used slower methods
 - Resulted in a reduced run time for the entire test suite, enabling a more efficient development process

PROJECTS:

For all below projects, I used GitHub for version control, Google Drive for documentation, and Slack for communication.

- **Personal Website:** (HTML & CSS) **1/18 – present**
 - Implemented a portfolio website hosted on Amazon Lightsail servers running NGINX
- **Time Tracker:** (Java) (Group Size: 4) **3/18 – 4/18**
 - Created an Android app that helps user track and manage good and bad habits
 - Served as project manager: delegated work, led meetings, and presented app to the class
- **UTA Planner:** (Java) (Group Size: 3) **8/17 – 12/17**
 - Created an Android app to help UTA students plan their entire undergraduate career
- **Super Chat:** (C++) (Group Size: 5) **1/17 – 4/17**
 - Served as a back-end programmer to create a terminal-based chat room program
- **Robot Shop Manager:** (C++) (Group Size: 2) **8/16 – 12/16**
 - Analyzed requirements, designed UML, implemented incrementally, and tested software that manages a fictional robot shop; developed using the agile Scrum workflow
 - Implemented as both a terminal interface and as a GUI in FLTK using the MVC pattern

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 multiple 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**
 - Led the saxophone section and ensured everyone was performing required tasks
- Performed manual labor and community outreach with my 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 (3.75+ GPA; top 5% of students)
 - Fall 2016, Spring 2017, Fall 2017, Spring 2018
- National Merit Scholarship Program Commended Student (top 3% of PSAT test takers) **10/14**