

# Brian Richer

## Education

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### University of Texas at Austin:

- Expected Graduation Date: 2019 with BS in Computer Science

### Richardson High School:

- Graduation Date: 2015.

## Relevant Course Work

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- **Currently Enrolled In:** Operating Systems, Compilers
- **Previously Enrolled In:** Computer Architecture, Discrete Math, Data Structures, Computational Materials

## Software skills

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- **Proficient In:** Java, Linux, Vim, Git, Gradle
- **Worked With:** Python, Javascript, C, C++, HTML5, CSS3, Docker, Neo4j, Pascal

## Internships

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- **Cisco Systems Inc. – Internship (Summer 2015, Summer 2016)**
  - Wrote several functional test suites for our java webapps.
  - Wrote a tool to allow remote usage of a phone emulation server from within Java tests.
  - Automated several tasks on our continuous integration build pipeline.
  - Automated UI integration tests using Selenium, Docker, Jenkins, Grunt, and Gradle.
  - Developed an internal webapp for visualizing dependencies using D3.js on top of a Neo4j database that is populated through Jenkins automated jobs. Project was open sourced on Github.

## Personal projects

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- **Twit Libs:** Developed a webapp at UH CodeRED hackathon with a team of 3 that fills out a Mad Lib based on a user's past twitter posts.
- **Speaking with Leap:** Developed a java app at the HackDFW hackathon with a team of 5 that uses Leap Motion technology to interpret American Sign Language and convert it to speech.
- **TCEA Game Design Competition:** Worked with a team of 6 to develop a game in Java for the TCEA high school game design competition.

## Memberships and awards

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- **UT Austin Competitive Programming Team (Fall 2015, Fall 2016)**
  - Placed in top 15 of a campus wide qualifier of over 100 people
- **Boy Scouts of America (2007 - Present)**
  - Eagle Scout (2015)
  - National Certificate of Merit (2013)