

# Christopher Luo

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## Education

**Brown University** – Providence, RI

*Introduction to Software Engineering*

*Database Management Systems*

*Introduction to Systems*

*Cybersecurity and International Relations*

*User Interface Design*

*Introduction to Algorithms and Data Structures*

*Introduction to Object Oriented Programming*

Computer Science ScB

Graduation: May 2018

GPA: 3.35

## Employment

**Teaching Assistant (Cybersecurity and International Relations)**

December 2016 - Present

- Developing course resources, holding hours, and leading discussion sections.

**Dining Services Worker (Brown University)**

Fall 2014 - Spring 2016

- Awarded 3 supervisor commendations
- "Chris always has a great attitude. He is extremely good with customers and always is doing a task without being asked. I appreciate how awesome he is!"

## Personal

**Bridgehacs Hackathon (Rubber Mallet)**

August 2016

- Pitched idea and managed a team of 5 to its completion.
- Taught Java and HTML fundamentals to 2 team members with little coding experience.

**Personal Project (Professor Bina)**

July 2016

- Created web application server in Java. Set up database (PostgreSQL), deployed to Heroku.
- Developed frontend interface with HTML, CSS, Ajax, jQuery, and other JS libraries.

## Coursework

**B+ Tree (Database Management Systems)**

October 2016

- Implemented B+ Tree data structure for database indices.

**Maps (Introduction to Software Engineering)**

April 2016

- Wrote majority of server code. Visualized sqlite database into a scrollable map.

**Agent32 (Introduction to Software Engineering)**

March 2016

- Worked in a team of 4 to pitch, follow-up, and present a large software project.
- Front-End Engineer: designed, implemented, and connected entire front end of a web game applet.

**Malloc (Introduction to Systems)**

November 2015

- Implemented the malloc library function in C.

**Heap, ConvexHull, Graph (Introduction to Algorithms and Data Structures)**

Spring 2015

- Implemented data structures in Python with function restrictions. Analyzed their performance.

## Skills

- Programming Languages: Java, HTML, CSS, JS, SQL (proficient); C, Assembly, Python (familiar).
- Environment/Tools: Eclipse, Git, Linux Terminal, Microsoft Office.
- Campus Activities:
  - RUF Fellowship Small Group Leader: weekly discussion leader and 1-1 meetings.
  - Co-founder/President of Brown Pokemon Club: gave presentations on battle strategy, organized events.
- Other coursework: Micro/Macro Econ, Managerial Decision Making, Digital History, Tolstoy, Dostoevsky.