

JIMMY NIU

jimmyniu.com | chen-en_niu@brown.edu

(412) 737-9265 |  /jimmy-niu |  /in/jimmyniu

EDUCATION

Brown University

August 2016 – May 2020

3.7 / 4.0 GPA

B.S. in Computer Science

RELEVANT COURSEWORK

CS32 – Intro. to Software Eng.

Sizable, Modular Java Projects

CS132 – Modern Web Apps

Fullstack Web + Cyber Security

CS16 – Algos & Data Structs.

Java + Python Implementation

CS33 – Intro. to Systems

‘Fun’ with C, Assembly X86-64

CS22 – Discrete Stats & Prob.

Proof-based CS Math

PROGRAMMING

Java, JavaFX, Spark (server)

JS, Node, React, HTML, CSS, etc.

C, x86 Assembly, Python

Git & Github/Lab, Maven, Gradle

OTHER SKILLS

Illustrator, Photoshop

Solidworks, Inventor (CAD)

Latex, Tech Troubleshooting

LANGUAGES

English | Native

Chinese | Verbally Fluent

EXPERIENCE

The MITRE Corporation

Software Engineering Intern, June 2018 – Present (PTOC)

- Developed a JavaFX library for creating menus / forms, switching views, and validating inputs.
- Redesign and fullstack development on MVVM Javafx application for national conference call settings.

Brown U. IT Service Center

Student Manager, May 2017 – Present

- Manage, hire, and train ~30 student technicians.

Student Technician, September 2016 – May 2017

Brown U. Intro to Object-Oriented P. (CS15)

Teaching Assistant, May 2017 – December 2017

- Design labs and assignments for 300-400 students.
- Host TA hours, co-lead labs, grade assignments.

iDTech Camps @ Carnegie Mellon U.

Instructor, May 2017 – August 2017

- Taught 64 students to build a laptop & code in Python.
- Led 50+ groups of kids in activities every day.

Brown U. STEAM TimePiece Art Installation

Design Team, February 2017 – December 2017

- Team of 6 designing a Mobius Strip Sundial for the Brown Engineering Building (installation in 2018).

PROJECTS

13-Card Game (13-cards.com) | CS32

Built realtime (sockets) chatroom, frontend design, and AI

Rhode Island DEM Electric Vehicle Res. | CS132

(Fullstack) Worked with client to build realtime vehicle reservation web application. NodeJS + Express, SQL, etc.

Wander | 2018 Hack@Brown

Web app to crowd-source locations and wander a city. Built backend with SQL, NodeJS + Hapi.

More projects on jimmyniu.com