

# Peter Lee

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## Education

### Hunter College

*BA in Computer Science*  
*Minor in Economics*

Expected May 2021

Daedalus CS Honors Scholar

GPA: 3.65/4.0

### Stuyvesant High School

Graduated June 2018

## Coursework

### Undergraduate

Computer Architecture

Data Structures and Algorithms

Discrete Mathematics

### High School

Computer Graphics

Systems Level Programming

## Skills

### Programming Languages

C++ • C • Java • Python • Dart

### Software Development

Flutter (Mobile) • Firestore (NoSQL) •  
git

## Hackathons

StuyHacks VI 2018

IStandWithImmigrants Hackathon  
2017

StuyHacks IV 2017

## Experience

### Heat.wav Mobile Front-End Developer

2/2019 - 8/2019

- **Developed** the minimum viable product for beta testing as the sole front-end developer.
- Leveraged internal **REST API** with **asynchronous** programming to retrieve data from the **database**.
- Learned new tools to implement features such as **custom animation** and **custom audio player** to meet the UI/UX guidelines provided by the design team.
- Wrote the API **documentation** and Flutter style guide for future maintainers of the codebase.

### CSTUY Teaching Assistant

7/2017

- Assisted in teaching **Java** to over 20 middle-school students with no prior coding experience.

## Projects

### Competition Manager Serverless Mobile App

4/2019 - Present

- Designed and developed a schedule management app for competitions and conferences.
- Designed the **UI/UX** with **Figma** and built the app using **Flutter** along with **Firestore**, a **NoSQL** database.
- Reduced the database read time by 50% via techniques such as **denormalization** and duplicating data when architecting the database.
- Planned to launch the app at a dance competition, enhancing around 300 participants' experience.

### Shell Systems Level Programming Class

11/2017 - 12/2017

- Built a **command-line interpreter** written in **C** with functionalities of **bash**.

## Awards

### Awear Best Social Impact Award

6/2018

- Won the Best Social Impact Award for hacking an app that can address and fix a societal issue.
- Designed and developed a mobile app which seeks to close the gap between regular people and politicians.

## Leadership

### Stuy Legacy Founder & Executive Director

2/2016 - 6/2018

- **Founded** and **directed** Stuy Legacy, a competitive urban dance team representing Stuyvesant High School.
- **Organized** rehearsals and **choreographed** competing dance routines.
- Placed in tri-state wide dance competitions including SAYAW XVIII hosted by Stony Brook and BOOM hosted by CMSV.
- Trained future directors to continue running the team and compete.