

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 Full Stack Developer

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 data denormalization when architecting the database.
- Planned to launch the app at a dance competition, enhancing around 300 participants' experience.

Shell C Programmer

11/2017 - 12/2017

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

Awards

Awear Best Social Impact Award • StuyHacks VI

6/2018

- Designed and developed a cross-platform app that empowers fashion-conscious individuals to take local political actions.

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 Prelude NY (2nd), SAYAW XVIII (3rd), and BOOM (1st).
- Trained 4 seasons of directors to continue managing the team and coordinate logistics.